



U.S. Department of Transportation

National Highway Traffic Safety Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

PSU 41 CASE NO. 135E TYPE OF ACCIDENT PICK OF VITIN VOLICE

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. <u>Do not include any personal identifiers.</u>)

Sos War

	B. VEHICLE PROFILE(S)					
	Class			re Damage icle Inspection		
Vehicle No.	of Vehicle	Year/Make/Model	Damage Severity Plane Description		Component Failure	

DO NOT SANITIZE THIS FORM

	C. PERSON PROFILE(S)						
Vehicle	Person	Seat	Restraint		Most S (TO BE COMPLE	Severe TED BY	Injury / ZONE CENTER)
No.	Role	Position	Use	Body Region	Injury Type	AIS	Injury Source
	·						
	i						
	:						
		:					
				1		i	

Body Region

Abdomen Ankle—foot Arm (upper)

Back-thoracolumbar spine

Brain Chest Ears Eye Elbow Face Forearm

Head—skull Heart

Kidneys Knee Leg (lower) Liver

Lower limbs(s) (whole or unknown part)

Mouth

Neck-cervical spine

Nose

Pelvic-hip

Pulmonary—lungs

Shoulder Spleen Thigh

Thyroid, other endocrine gland Upper limb(s) (whole or unknown

part) Vertebrae Whole body Wrist—hand

Injury Type

Abrasion Amputation Avulsion Burn Concussion Contusion Crush

Detachment, separation

Dislocation

Fracture

Fracture and dislocation

Laceration

Other

Perforation, puncture

Rupture Sprain Strain

Total severance, transection

Unknown

Abbreviated Injury Scale

(1) Minor injury

- (2) Moderate injury
- (3) Serious injury
- (4) Severe injury
- (5) Critical injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

DO NOT SANITIZE THIS FORM

PSU41 1996 Case Summary Form CASE 135E TYPE OF ACCIDENT: PICK UP/UTILITY VEHICLE RIGHT ANGLE

* , , ,

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

V1 WAS TRAVELING NORTH ON A 3 LANE ROAD IN THE CENTER WHEN IT ATTEMPTED TO MAKE A RIGHT HAND TURN OF V2 WHO WAS TRAVELING ALSO NORTH BOUND IN THE RIGHT LANE.V2 IMPACTED V1 IN THE LEFT REAR OTR PANEL CAUSING V1 TO OVERTURN AND RESTED ON THE PASSENGER SIDE. V2 DAMAGE WAS TO THE FRONTAL. BOTH PARTIES IN V1 WERE TRANSPORTED TO THE HOSPITAL.

PSU41 1996 Case Summary Form CASE 135E TYPE OF ACCIDENT: PICK UP/UTILITY VEHICLE

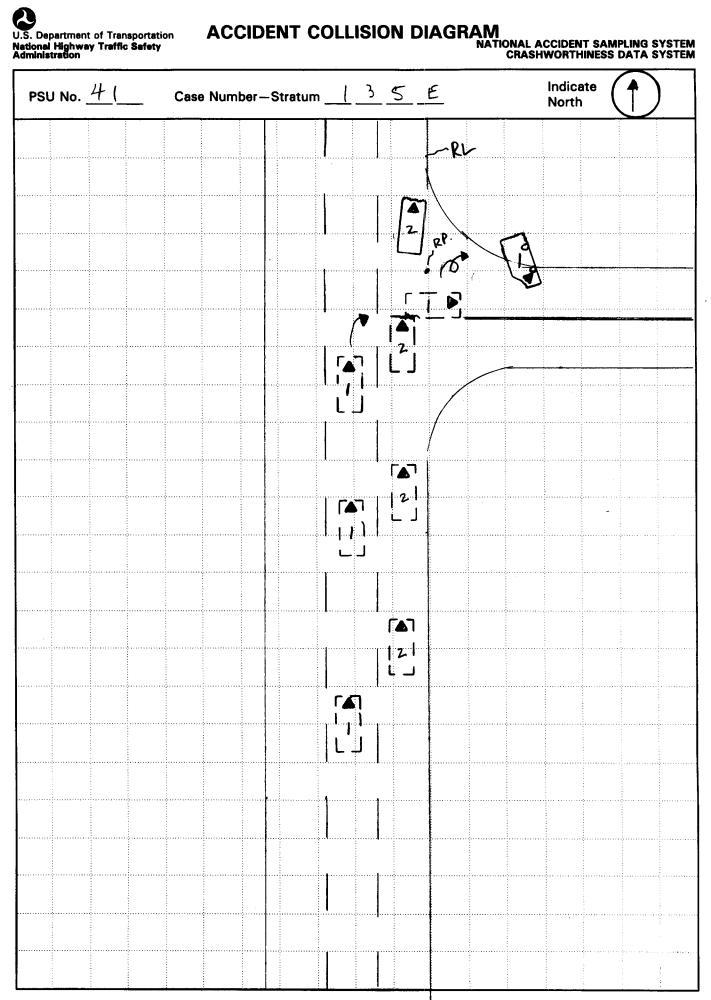
B. VEHICLE PROFILE(S)

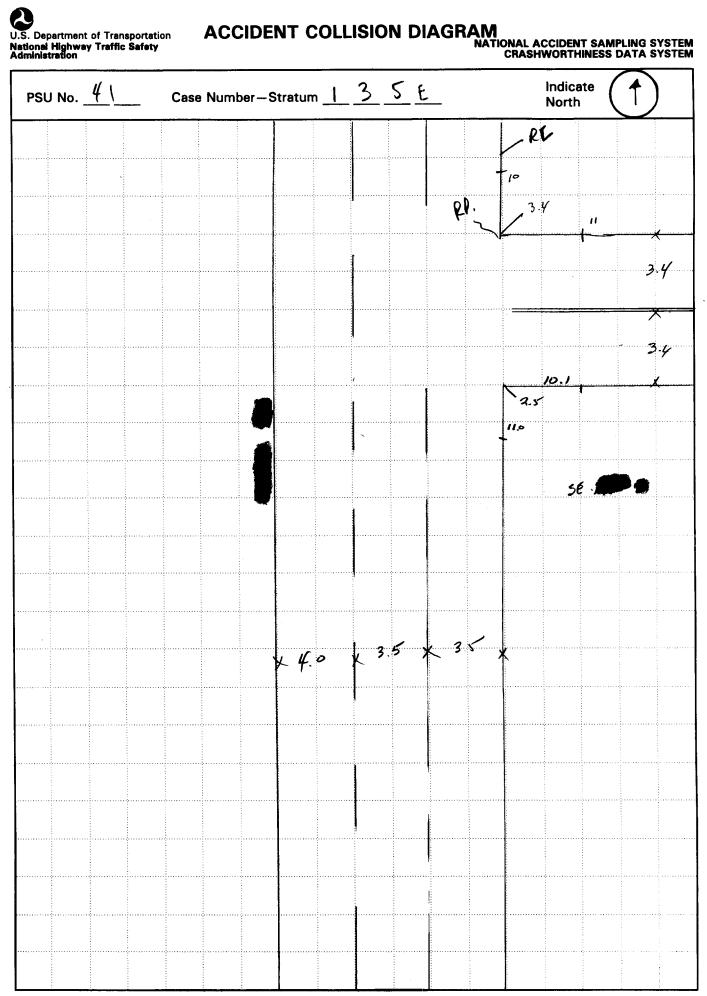
Ÿ			Most Severe on Vehicle	Damage Base Inspection	ed
eh.	Class of	Year/Make/	Damage	Severity	Component
No	Vehicle	Model	Plane	Descr.	Failure
01	COMPACT/UTILITY	95 TOYOTA 4 RUNNER	RIGHT/TOP	MODERATE	NONE
02	COMPACT/PICK/UP	96 FORD RANGER/XLT	FRONTAL	UNK	UNK

PSU41 1996 Case Summary Form CASE 135E TYPE OF ACCIDENT: PICK UP/UTILITY VEHICLE

C. PERSON PROFILE(S)

v				(TO BE C	ost Sever	By ZON	CENTER)
e h. No	Person Role	Seat Positon	Restraint Use	Body Region	Injury Type	A	Injury Source
01	DRIVER	LEFT/FRONT	NONE -	Juhall Lody		= ,	unkasion
01 02	PASSENGE DRIVER	RIGHT/FRON EFT/FRONT L	IT NONE	`\	contision Contarió Contarió	n /	& door steering column
				wust	Chillin	· /	steering column





U.S. Department of Transportation National Highway Traffic Safety Administration

ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number <u>4</u> 1	<u>/_</u>	Case N	Number-Stratum 1 3 5 년
<u> </u>	Case N LISION DIAGRAM Document vehicle dynamics including: reference point and reference line relative to physical features present at the scene scaled documentation of all accident induced physical evidence scaled documentation of all roadside objects contacted scaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either: a) physical evidence, or b) reconstructed accident dynamics		CRASH DATA VEH. #1 VEH. #2 VEH. #3 Heading Angle 90 360 Surface Type 5 F/FP
ronore ir application			Grade (v/h) Measurement (at pre-crash location)
Reference Point: N/E Counter Ap	.	Reference line:/	N/S KAST ESSE OF BOADWAY
ltem		Distance and Direction Reference P	!
			

ltem	Distance and Direction from Reference Point	Distance and Direction from Reference Line
		,
and the second		
· · · · · · · · · · · · · · · · · · ·		
		the state of the s
,		
		111111111111111111111111111111111111111
	•	
·		

ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number		4	
2. Case Number - Stratum	 _3	5	Ľ

IDENTIFICATION

3. Number of General Vehicle Forms Submitted

02

4. Date of Accident (Month, Day, Year)

/ / 9 6

5. Time of Accident

0407

Code reported military time of accident.

NOTE: Midnight = 2400

Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check () each special study (SS15-SS18 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. ___ SS15 Administrative Use

0

7. ____ SS16 Pedestrian Crash Data Study

(Data for this special study available

(Data for this special study available in a separate file.)

8. SS17 Impact Fires

O

0

9. ___ SS18 Unsafe Driver Actions

_0

10. ___ SS19 Run Off Road

0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident

02

Code the number of events which occurred in this accident.

ACCIDENT EVENTS

For each event that occurred in the accident, code the lowest numbered vehicle in the left columns and the other involved vehicle or object in the right columns.

Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0 1</u>	13. <u>0 </u>	14. <u> 4</u>	15. <u>R</u>	16. 0 2	17. <u>3</u> 0	18. <u>F</u>
19. <u>0</u> <u>2</u>	20. <u>0</u> <u>/</u>	21. 14	22. <u>T</u>	23. 2	24. <u>0</u> <u>0</u>	25. <u>A</u>
26. <u>0</u> <u>3</u>	27	28	29	30	31	32
33. <u>0 4</u>	34	35	36	37	38	39
40. <u>0</u> <u>5</u>	41	42	43	44	45	46

IF GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENT SUPPLEMENT

	OODEO E	20.01	400 OF UEU	1015	
	CODES FO	JK CL	ASS OF VEH	ICLE	
(00) Not a motor veh	nicle		(31)	Large pickup truck (≤ 4,53	6 kgs CV/MP)
	ni (wheelbase < 254 cm)			Other pickup truck (≤ 4,53	
•	lbase ≥ 254 but < 265 cm)			Unknown pickup truck typ	_
· ·	heelbase ≥ 265 but < 278 cm)			Other light truck (≤ 4,536	
(04) Full size (wheelt	pase ≥ 278 but < 291 cm)			Unknown light truck type	
(05) Largest (wheelb	ase ≥ 291 cm)			Unknown light vehicle type	
(09) Unknown passe					based)(>4,536 kgs GVWR)
(14) Compact utility	vehicle .			Other bus (> 4,536 kgs G	
(15) Large utility veh	icle (≤ 4,536 kgs GVWR)			Unknown bus type	·
	agon (≤ 4,536 kgs GVWR)		(60)	Truck (> 4,536 kgs GVW	R)
(19) Unknown utility			(67)	Tractor without trailer	
(20) Minivan (≤ 4,53			(68)	Tractor-trailer(s)	
(21) Large van (≤ 4,5				Unknown medium/heavy t	
	ol bus (≤ 4,536 kgs GVWR)			Unknown light/medium/he	avy truck type
	(≤ 4,536 kgs GVWR)			Motored cycle	
-	/pe (≤ 4,536 kgs GVWR)			Other vehicle	
(30; Compact pickup	truck (≤ 4,536 kgs GVWR)		(99)	Unknown	•
	CODES FOR CENER	A1 /	NDEA OF	DAMAGE (CAD)	
CDS APPLICABLE	CODES FOR GENER (0) Not a motor vehicle				(T) T
AND OTHER	(N) Noncollision		Right side Left side		(T) Top
VEHICLES	(F) Front		Back		(U) Undercarriage
VEHICLES	(i) Hone	(D)	Dack		(9) Unknown
TDC	(0) Not a motor vehicle	(1.)	Left side		(C) Rear of cab
APPLICABLE	(N) Noncollision			nit with cargo area	(V) Front of cargo area
VEHICLES	(F) Front	(_,		ailer or straight truck)	(T) Top
	(R) Right side	(D)		of tractor)	(U) Undercarriage
	(,	(-,	Buok (rou	or tractory	(9) Unknown
					(3)
	CODES FOR VEHICLE N	UME	BER OR O	BJECT CONTACTED	
(01-30) — Vehicle N	umber		• • •	Fence	
A1				Wall	
Noncollision	rollover (excludes end-over-end)			Building	
(31) Overturn — (32) Rollover — e	, (, ,	Ditch or culvert	
(33) Fire or explo				Ground Fire hydrant	
(34) Jackknife	3.3.1			Curb	
	nit damage (specify):			Bridge	
				Other fixed object (speci	fy):
(36) Noncollision					
(38) Other nonco	llision (specify):		(69)	Unknown fixed object	,
(20) Noncelliain	- details unknown				· ·
(39) Noncollision	- details unknown			n with Nonfixed Object	
Collision With Fixed	Object		(70)	Passenger car, light truc	k, van, or other vehicle
(41) Tree (≤ 10 c	=		/71)	not in-transport	oue not in transport
(42) Tree (> 10	The state of the s			Medium/heavy truck or I Pedestrian	ous not in-transport
(43) Shrubbery o				Cyclist or cycle	
(44) Embankmen				Other nonmotorist or co	nvevance
	pole or post (any diameter)		(, 1)		···· - , - ···· - ·
	•		(75)	Vehicle occupant	
Nonbreakaway Pole				Animal	
(50) Pole or post	(≤ 10 cm in diameter)			Train	
(51) Pole or post	(> 10 cm but ≤ 30 cm in diamete	er)		Trailer, disconnected in	
	(> 30 cm in diameter)			Object fell from vehicle	
(53) Pole or post	(diameter unknown)		(88)	Other nonfixed object (s	pecify):
(54) Concrete to	ffic harrier		100		
(54) Concrete tra			(89)	Unknown nonfixed object	at
(55) Impact atter	nuator			-	et
(55) Impact atter (56) Other traffic				Unknown nonfixed objective Other event (specify):	:t
(55) Impact atter	nuator		(98)	-	

	PRECRASH ENVIRONMENTAL DATA		25	Roadway Surface Condition	,
		2	25.	(1) Dry	`
19.	Relation To Interchange Or Junction	_		(2) Wet	
	(0) Non-interchange area and non-junction(1) Interchange area related			(3) Snow or slush	
	(1) Interchange area related			(4) Ice	1
	Non-Interchange junctions	į		(5) Sand, dirt, or oil	
	(2) Intersection related	l		(8) Other (specify):	1
	(3) Driveway, alley access related]		(9) Unknown	İ
	(4) Other junction (specify)	ŀ			_
		ļ	26.	Light Conditions	3
	(5) Unknown type of junction	1		(1) Daylight	
		İ		(2) Dark	l
	(9) Unknown			(3) Dark, but lighted	
				(4) Dawn	İ
20	Trafficway Flow	1		(5) Dusk (9) Unknown	ļ
20.	(0) Not physically divided (two way traffic)			(9) Olikilowii	
	(1) Divided trafficway-median strip without				
	positive barrier	1	27.	Atmospheric Conditions	0
	(2) Divided trafficway-median strip with positi	ive		(0) No adverse atmospheric-related driving	
	barrier			conditions	1
	(3) One way traffic			(1) Rain	
	(9) Unknown			(2) Sleet/hail	
		2		(3) Snow	
21.	Number Of Travel Lanes	<u> </u>		(4) Fog	ŀ
	(1) One			(5) Rain and fog (6) Sleet and fog	l
	(2) Two			(7) Other (e.g., smog, smoke, blowing sand o	r ľ
	(3) Three			dust, etc.) (specify):	
	(4) Four (5) Five				
	(6) Six			(9) Unknown	
	(7) Seven or more			T. (II. Oceanal Decise	اما
	(9) Unknown		28.	Traffic Control Device (O) No traffic control(s)	<u>ا</u> –
				(1) Traffic control signal (not RR crossing)	
22	Roadway Alignment			(1) Traine control signal (not fill clossing)	
22.	(1) Straight		l	Regulatory	Ì
	(2) Curve right		1	(2) Stop sign	
	(3) Curve left		İ	(3) Yield sign	
	(9) Unknown		l	(4) School zone sign	
				(5) Other regulatory sign (specify):	
23.	Roadway Profile	(1	(6) Warning sign (not PP areasing)	
	(1) Level			(6) Warning sign (not RR crossing)(7) Unknown sign	
	(2) Uphill grade (>2%)			(8) Miscellaneous/other controls including RR	
	(3) Hill crest		1	controls (specify):	
	(4) Downhill grade (>2%)		l		
l	(5) Sag (9) Unknown			(9) Unknown	
1	(a) Ouknown		ļ		
		2		Total Comment Do Los Principles	
24.	Roadway Surface Type	2	29	. Traffic Control Device Functioning	<u> </u>
	(1) Concrete			(0) No traffic control device (1) Traffic control device not functioning	
	(2) Bituminous (asphalt) (3) Brick or block			(specify):	
	(4) Slag, gravel, or stone			(op-on-)/.	
	(5) Dirt			(2) Traffic control device functioning properly	,
	(8) Other (specify):			(9) Unknown	
	(9) Unknown				
1			1		

	OCCUPANT RELATED	44.	1. Vehicle Cargo Weight
27	Driver Presence in Vehicle		Code weight to nearest
37.	(0) Driver not present		10 kilograms. (000) Less than 5 kilograms
	(1) Driver present		(454) 4,536 kilograms or more
	(9) Unknown	1	(999) Unknown
	Number of Occupants This Vehicle 0 2	Į	, <u>lbs X 4536 =</u> ,kgs
38.		ļ	Source:
	(00-96) Code actual number of occupants for this vehicle		
	(97) 97 or more		ROLLOVER DATA
	(99) Unknown	45.	5. Rollover $arphi$ 3
39	Number of Occupant Forms Submitted 0 2		(00) No rollover (no overturning)
00.	Trainbor or occupant round occuments		Rollover (primarily about the longitudinal axis)
	AIR BAG RELATED	(((01-16) Code the number of quarter turns
40	Is this an AOPS Vehicle?		(17) Rollover, 17 or more quarter turns (specify):
70.	(0) No (includes unknown)		(98) Rolloverend-over-end (i.e., primarily
	(1) Yes - researcher determined		about the lateral axis)
	(2) VIN determined air bag system		(99) Rollover (overturn), details unknown
	(3) VIN determined automatic (passive) belts (4) VIN determined air bag and automatic	46	Rollovan Initiation Tyma
	(passive) belts	40.	6. Rollover Initiation Type (00) No rollover
	·		(01) Trip-over
41.	Air Bag(s) Deployment, First Seat Frontal		(O2) Flip-over
	(0) Not equipped or not available		(03) Turn-over
	(1) No air bags deployed		(04) Climb-over (05) Fall-over
	Single Air Bag Vehicle		(06) Bounce-over
	(2) Driver air bag deployed (3) Driver air bag, unknown if deployed	Ì	(07) Collision with another vehicle
			(08) Other rollover initiation type specify):
	Multiple Air Bag Vehicle (4) Driver side only deployed	1	(OS) Bollows and over and
	(5) Passenger side only deployed	1	(98) Rolloverend-over-end (99) Unknown rollover initiation type
	(6) Driver and passenger side deployed	1	(55) Chikhowh follows: mittation type
	(7) Driver and passenger side unknown if	47.	7. Location of Rollover Initiation
	deployed	1	(O) No rollover
	(8) Air bag(s) deployed, details unknown (9) Unknown	i	(1) On roadway (2) On shoulder—paved
	^	1	(3) On shoulder—unpaved
42.	Air Bag(s) Deployment, Other Than First		(4) On roadside or divided trafficway median
	Seat Frontal		(8) Rolloverend-over-end
	(0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of	1	(9) Unknown
i	impact)	48	8. Rollover Initiation Object Contacted
	(2) Deployed inadvertently just prior to accident	40.	(Note: Applicable codes on back of page)
	(3) Deployed, details unknown		•
	(4) Deployed as a result of a noncollision event during accident sequence (e.g., fire,	49.	9. Location on Vehicle Where Initial Principal
	explosion, electrical)	l	Tripping Force Is Applied (0) No rollover
	(5) Unknown if deployed		(1) Wheels/tires
	(7) Nondeployed		(2) Side plane
	(9) Unknown		(3) End plane
İ	Specify type of "other" air bag present:		(4) Undercarriage(5) Other location on vehicle (specify):
	opening type of outer an bag process.	1	(5) Other location on vehicle (specify):
			(6) Non-contact rollover forces (specify):
			(8) Rolloverend-over-end
	VEHICLE WEIGHT ITEMS		(9) Unknown
43	. Vehicle Curb Weight , 7 4 0	50	O. Direction of Initial Roll (O) No rollover
~`	Code weight to nearest		(1) Roll right - primarily about the longitudinal
1	10 kilograms.		axis
1	(045) Less than 454 kilograms	1	(2) Roll left - primarily about the longitudinal
l	(612) 6,124 kilograms or more (999) Unknown	1	axis
1	(999) Unknown lbs_X_4536 = 1,7 35 kgs		(8) Rolloverend-over-end (9) Unknown roll direction
	,		

Source:___

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall
Noncollision	(59) Building (60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
(54) Sackrinic	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	(OO) Other had object topouny).
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	(00) Chikhowh hixed object
	Collision with Nonfixed Object
(44) Embankment	(70) Passenger car, light truck, van, or other
(45) D. A	vehicle not in-transport
(45) Breakaway pole or post (any diameter)	
	(71) Medium/heavy truck or bus not in-transport
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post (> 10 cm but ≤ 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter)	(88) Other nonfixed object (specify):
(53) Pole or post (diameter unknown)	
(00) 100 to provide the control of t	(89) Unknown nonfixed object
(54) Concrete traffic barrier	•
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	• • • • • • • • • • • • • • • • • • • •
(specify):	(99) Unknown event or object
(opoon 17)	• • • • • • • • • • • • • • • • • • • •

National Highwa Administration	y Traffic Safety	EX.	TERIOR	VEHIC	LE FO	DRM	NAT		VORTHINE		
1. Primary	/ Sampling Unit Num	ber	41	_ 3.	Vehicle	Number	r			0	<u> </u>
2. Case N	lumber - Stratum	1	<u>35 e</u>	_							
		\	EHICLE II	DENTIF	ICATION	NC					
VIN J	T 3 V N 2	9 V	<u> </u>			7		ا	Model Y	ear <u>9</u>	<u> </u>
Vehicle Mal	ke (specify):	y0516		- .	Vehicle	Model (s	pecify):	4 a	اسالهر	-	
			LC	CATO	R						
Locate the impacts or	end of the damage an undamaged axle	with respe	ect to the ve	ehicle's	damage	d center	r point (or bump	er corn	er for e	nd
Specific Impa		Direct Dama			Location	of Field L		L	ocation of	Max Cru	sh
0/	7/cm Rean	of elep		yen 1	eon of	RRM	cus po		<u> </u>		
	Bunfor Con	•		Bk.							
0.2	ROLLON	er_	+								
		CRU	SH PROFI	LE IN C	CENTIN	METERS	5				
F t s	ree space value is de he individual C locate side taper, etc. Recourse as many lines/course Plane of Impact C-Measurements	ions. This ord the valu olumns as n	may include le for each (the fol C-measu	lowing: irement	bumper and max	lead, bu kimum d	ımper ta	cody con aper, sid	ntour ta le protri	then at usion,
		31	Cale	77	15	15		21	24	(33)	218
0/	MD Done Lote			//	-13 _e 8		-17.0		13.0	13.0	
35 rd E	STANDS SET				0	77.0	D	2	2	12	
)	Acron Acron				0	0	0	1/	9	18	<u> </u>
	ACTIVAL				-		-	4		1.0	
02	ROLUOVER										
				\							
01	middoon	31		172	33		21	15	15	15	-
	prespare				2	2	2	0	0	0	
	lot ddi.				10	10	10	10	7/0	0	
				1	1		1	1	1		ļ

31

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase		inches	x 2.54	=	cm
Overall Length	<u> </u>	inches	x 2.54	=	cm
Maximum Width		inches	x 2.54	=	cm
Curb Weight		pounds	x .4536	=	, kg
Average Track		inches	x 2.54	=	cm
Front Overhang		inches	x 2.54	=	cm
Rear Overhang		inches	x 2.54	=	cm
Undeformed End Width	<u> </u>	inches	x 2.54	=	cm
Engine Size: cyl./displ.		cc	x .001	=	<u></u> L
	<u> </u>	CID	x .0164	=	L

VEHICLE DAMAGE SKETCH WHEEL STEER ANGLES **ORIGINAL SPECIFICATIONS** TIRE-WHEEL DAMAGE (For locked front wheels or a. Rotation physically b. Tire 103.3 262 displaced rear axles only) Wheelbase cm deflated restricted RF ± 176 Overall Length cm LF ± Maximum Width 665 RR ± cm LR ± 1735 Curb Weight 38以 kg Within ±/5 degrees Average Track cm DRIVE WHEELS (1) Yes (2) No (8) NA (9) Unk. Front Overhang cm □ FWD RWD □ 4WD TYPE OF TRANSMISSION Rear Overhang cm **Undeformed End Width** cm **Approximate** END SHIFT ≥ 10 CM Cargo Weight Engine Size: cyl./displ. L kg ☐ Yes **B** No **MEASUREMENTS IN CENTIMETERS** Original Bumper height POST-CRASH Bumper corner_ Stringline_Z POST-CRASH Bumper corner Stringline NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

received on the back of this page.

			CDC W	ORKSHEE	T			
		CC	DES FOR O	BJECT CONT	ACTED			:
(01-30) —	Vehicle Num	ber			Fence Wall			
Noncollisio	nn				Building			
(31) 0	verturn — roll	over (excludes e	end-over-end	1) (60)	Ditch or o	culvert		
	ollover-end-c			(61)	Ground			
	re or explosio				Fire hydra	ant		
(34) Ja	ckknife				Curb			
(35) O	ther intraunit	damage (specify	/):		Bridge Other fixe	ed object (s	pecify):	
	oncollision inj			,		fixed object		
		ion (specify):				_		
(39) N	oncollision —	details unknow	n			nfixed Object or car. light	ct truck, van, d	or other
Collision V	With Fixed Ob	iect		(, 0,		ot in-transp		
(41) T	ree (≤ 10 cm	in diameter)		(71)			or bus not i	in-transport
	ree (> 10 cm			(72)	Pedestria	ın		
	hrubbery or b				Cyclist of			
	mbankment			(74)	Other no	nmotorist o	r conveyanc	e
(45) B	reakaway pol	e or post (any d	iameter)		Vehicle o	ccupant		·
					Animal			
Nonbreak	away Pole or	Post) Train	licoconnoctor	d in transpor	•
(50) P	ole or post (≤	10 cm in diame	iter)				icle in-transpor	
	ole or post (> iameter)	> 10 cm but ≤ 3	o cm in				ct (specify):	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		> 30 cm in diam	eter)	·				
(53) P	ole or post (d	liameter unknow	n)	(89) Unknow	n nonfixed (object	
	oncrete traffi			(98) Other ev	ent (specify	/):	
(55) lr (56) C	npact attenual their traffic b	ator arrier (includes (guardrail)	(99) Unknow	n event or o	object	
		DEFORMAT	TION CLASS	IFICATION B	Y EVENT N	UMBER		
					(4) Specific	(5) Specific	(6)	
Accident		(1) (2) Direction	incrementai	(3)	Specific Longitudinal	Vertical or	Type of	(7)
Event Sequence	Object	of Force	Value of	Deformation	or Lateral	Lateral	Damage	Deformation
Number	Contacted	(degrees)	Shift	Location	Location	Location	Distribution	Extent
01	02	000 +11	000	R	<u> 13</u>	E	\overline{N}	02
02	3 1	0 0 0	0 0	1	D	D	0	0+
					<u> </u>			62
							-	
								
								
l ——								

(7) eformation Extent O 2
eformation Extent
) <u>0 </u>
, 0 7
<u> </u>
A つ
0
±D
218
±D
2 6 2 centimeters

			FUEL SYSTEM
30.	Are CDCs Documented but Not Coded on The	_0	35. Location of Fuel Tank-1 Filler Cap
	Automated File? (0) No (1) Yes		36. Location of Fuel Tank-2 Filler Cap (0) No fuel tank (1) On back plane (2) Aft of center of the rear wheels (rear axle) on left side plane
31	Researcher's Assessment of Vehicle Disposition (0) Not towed due to vehicle damage (1) Towed due to vehicle damage (9) Unknown		 (3) Aft of center of the rear wheels (rear axle) on right side plane (4) Forward of center of the rear wheels (rear axle) on left side plane (5) Forward of center of the rear wheels (rear axle) on right side plane (6) Over the center of the rear wheels (rear axle) on left side plane
32	Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? (0) No post manufacturer modifications (1) Yes - post manufacturer modifications (specify):	0	 (7) Over the center of the rear wheels (rear axle) on right side plane (8) Other (specify): (9) Unknown
	(Include photograph of CERTIFICATION PLACARD in case report) (9) Unknown if vehicle is modified		37. Type of Fuel Tank-1 38. Type of Fuel Tank-2 (0) No fuel tank (electrical vehicle) (1) Metallic (2) Non-metallic (9) Unknown
	FIRE OCCURRENCE		39. Location of Fuel Tank-1
33	Fire Occurrence (O) No fire Yes, fire occurred (1) Minor (2) Major (9) Unknown	0	40. Location of Fuel Tank-2 (0) No fuel tank (1) Aft of center of the rear wheels (rear axle) centered (2) Aft of center of the rear wheels (rear axle) left side (3) Aft of center of the rear wheels (rear axle) right side (4) Forward of center of the rear wheels (rear axle) centered
344	 Origin of Fire (0) No fire (1) Vehicle exterior (front, side, back, top) (2) Exhaust system (3) Fuel tank (and other fuel retention system parts) (4) Engine compartment (5) Cargo/trunk compartment (6) Instrument panel (7) Passenger compartment area (8) Other location (specify): (9) Unknown 	<u>D</u>	(5) Forward of center of the rear wheels (rear axle) left side (6) Forward of center of the rear wheels (rear axle) right side (7) Over center of the rear wheels (rear axle) (8) Other (specify): (9) Unknown 41. Damage to Fuel Tank-1 42. Damage to Fuel Tank-2 (0) No fuel tank (1) No damage to fuel tank (2) Deformed, no seam failure (3) Deformed, with a seam failure (4) Punctured (5) Lacerated (ripped) (6) Abraded (scraped) (7) Filler neck separation from the fuel tank (8) Other damage (specify): (9) Unknown

43.	Leakage Location of Fuel System-1	47. Is This Vehicle Equipped With More Than Two Fuel Tanks?
44.	Leakage Location of Fuel System-2	(0) No (one or two tanks only)
	(O) No fuel tank	
	(1) No fuel leakage	Yes - More Than Two Tanks
	-	(1) Yes <u>no damage</u> to any tank or filler
	Primary Area Of Leakage	cap and <u>no fuel system leakage</u>
	(2) Tank	(2) Yes <u>no damage</u> to any tank or filler
	(3) Filler neck	cap but there is fuel system leakage
	(4) Cap	(specify leakage location):
	(5) Lines/pump/filter	
	(6) Vent/emission recovery	(3) Yes damage to an additional tank or
	(8) Other (specify):	filler cap and there is fuel system leakage
	(9) Unknown	(specify the following):
		Type of tank
	\wedge \prime	Tank location
45.	Fuel Type-1	Filler cap location
		Tank damage
46.	Fuel Type-2 \underline{O}	Location of leakage
. ••	· · · · · / F · · ·	Type of fuel
	Single Fuel Type	(9) Unknown if more than two tanks
	(00) No fuel tank	
	(O1) Gasoline	
	(O2) Diesel	
	(03) CNG (Compressed Natural Gas)	COMMENTS
	(04) LPG (Liquid Petroleum Gas) also	
	known as Propane	
	(05) LNG (Liquid Natural Gas)	1 0 >
	(06) Methanol (M100 or M85)	* Kouova -
	(07) Ethanol (E100 or E85)	
	(08) Other (Hydrogen or others) (specify):	Ger Infected ON SIDU
	(out a succession for a	0 01
1		KIEMY PLANE
	Electric Powered or Electric/Solar	
	Powered Vehicles	
	(10) Lead Acid Battery	
	(11) Nickel-Iron Battery	
	(12) Nickel-Cadmium Battery	
	(13) Sodium Metal Chloride Battery	
	(14) Sodium Sulfur Battery	
	(18) Other (Specify):	
	(98) Other Hybrid (specify):	
	(OO) University from 5	
	(99) Unknown fuel type	
1		
]		
\vdash		
1		

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

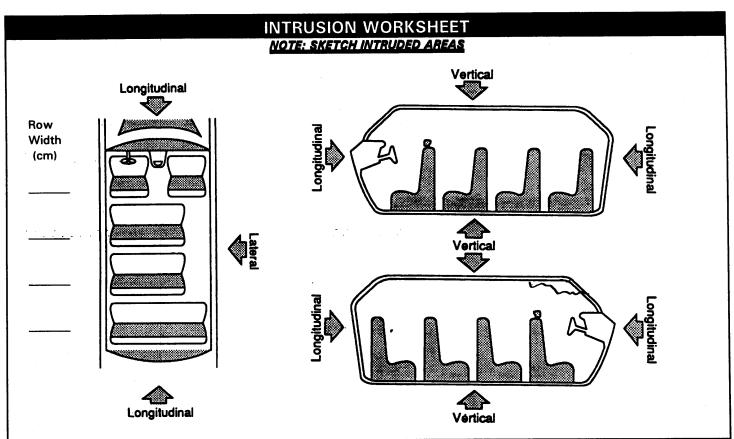
(GV10=0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

//)	GLAZING
1. Primary Sampling Unit Number	Type of Window/Windshield Glazing
2. Case Number - Stratum	15. WS 1 16. LF 2 17. RF 2 18. LR 4 19. RR 4
3. Vehicle Number <u>0</u> /	20. BL 4 21. Roof 0 22. Other 1
INTEGRITY	(O) No glazing
4. Passenger Compartment Integrity (00) No integrity loss Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door) (04) Roof (05) Roof glass	(1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify):
(06) Side window (07) Rear window (backlight)	 Window Precrash Glazing Status
(08) Roof and roof glass (09) Windshield and door (side)	23. WS 1 24. LF 3 25. RF 3 26. LR 3 27. RR 3
(10) Windshield and roof (11) Side and rear window (side window and backlight)	28. BL 29. Roof 30. Other
(12) Windshield and side window (13) Door and side window (98) Other combination of above (specify): (U) DUI(V) DENIS PONTS	(0) No glazing (1) Fixed (2) Closed (3) Partially opened (4) Fully opened (7) Glazing removed prior to accident (9) Unknown
Door, Tailgate or Hatch Opening	Glazing Damage from Impact Forces
5. LF <u> 6. RF 7. LR 8. RR 9. TG/H D</u>	31. W 34 B2. LF 6 33. RF 34. LR 6 35. RR 1
(0) No door/gate/hatch (1) Door/gate/hatch remained closed and operational (2) Door/gate/hatch came open during collision (3) Door/gate/hatch jammed shut (8) Other (specify): (9) Unknown	36. BL 37. Roof O 38. Other C (0) No glazing (1) No glazing damage from impact forces (2) Glazing in place and cracked from impact forces (3) Glazing in place and holed from impact forces (4) Glazing out-of-place (cracked or not) and not holed from impact forces (5) Glazing out-of-place and holed from impact forces (6) Glazing disintegrated from impact forces
Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø	(7) Glazing removed prior to accident (9) Unknown if damaged
10. LF <u>O</u> 11. RF <u>D</u> 12. LR <u>O</u> 13. RR <u>D</u> 14. TG/HD	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened	39. WS 1 40. LF 1 41. RF 1 42. LR 1 43. RR 1
Door, Tailgate or Hatch Came Open During Collision (1) Door operational (no damage) (2) Latch/striker failure due to damage (3) Hinge failure due to damage (4) Door structure failure due to damage (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage (6) Latch/striker and hinge failure due to damage (8) Other failure (specify): (9) Unknown	44. BL 45. Roof 0 46. Other (1) (0) No glazing (1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage (3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by occupant contact (7) Glazing removed prior to accident (8) Glazing disintegrated by occupant

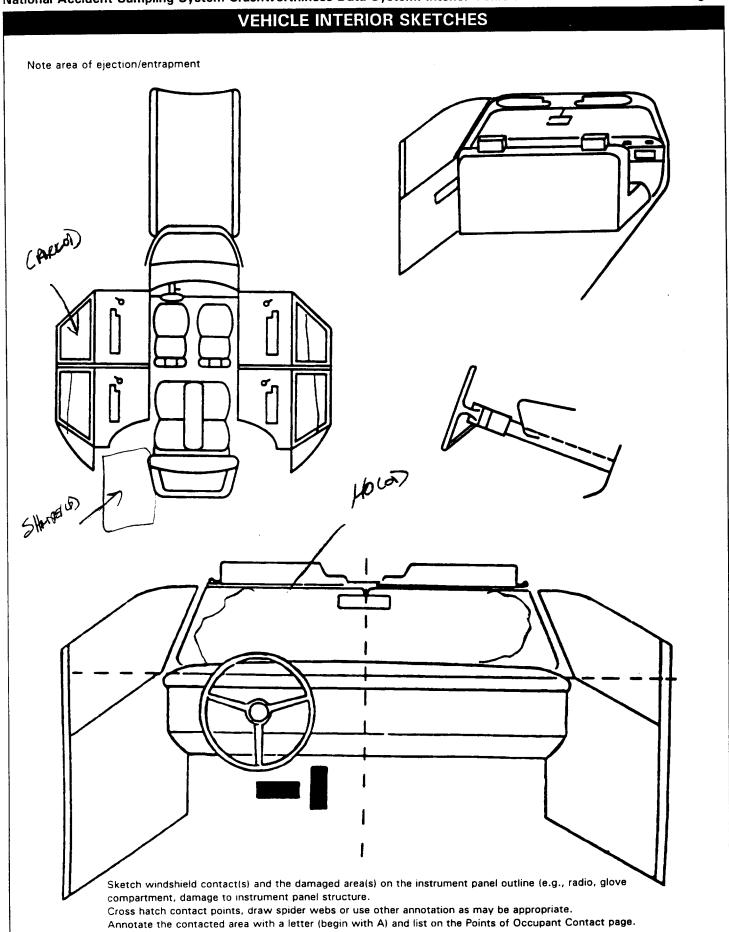


LOCATION OF INTRUSION	INTRUDED COMPONENT	COMPARISON VALUE	Measu	urements Are In Cer INTRUDED VALUE	ntimeters)	INTRUSION	DOMINANT CRUSH DIRECTION
13	& Pinn	0	_	5	=	5	Vancer
12	WINDSH I HOSTICA	0		3	=	3	LOULT.
•	•				=		
			_		=		
			_		=		
			_		=		
			_		=		
					=	······································	
					=		
			_		=	,	
			_	•	=		
			_		=		
			_		=		
			_		=		
	<u> </u>				=		

OCCUPANT AREA INTRUSION Note: If no intrusions, leave variables IV47-IV86 blank. INTRUDING COMPONENT Interior Components Dominant Crush (01) Steering assembly Magnitude Location of Intruding (02) Instrument panel left Direction Component of Intrusion Intrusion (03) Instrument panel center (04) Instrument panel right 1st 47. 1 3 48. 0 6 49. 1 50. 1 (05) Toe pan (06) A (A1/A2)-pillar (07) B-pillar (08) C-pillar 2nd 51. 1 52. 6 53. 54. 2 (09) D-pillar (10) Side panel - forward of the A1/A2-pillar (11) Door panel (side) (12) Side panel - rear of the B-pillar 3rd 55.____ __ 56._ (13) Roof (or convertible top) (14) Roof side rail (15) Windshield (16) Windshield header 61. 60. 4th 59.____ (17) Window frame (18) Floor pan (includes sill) (19) Backlight header (20) Front seat back 63.____ 64. 65. 66. (21) Second seat back (22) Third seat back (23) Fourth seat back (24) Fifth seat back 67._____684 69. 70. (25) Seat cushion (26) Back door/panel (e.g., tailgate) (27) Other interior component (specify): *1*12. Exterior Components (30) Hood (31) Outside surface of this vehicle (specify): 76. 78.___ 77. 75. 8th (32) Other exterior object in the environment (specify): (33) Unknown exterior object 80. 81. 82. 9th 79. (97) Catastrophic (98) Intrusion of unlisted component(s) (specify): 84. 85. 86.___ (99) Unknown LOCATION OF INTRUSION MAGNITUDE OF INTRUSION (1) \geq 3 centimeters but < 8 centimeters Fourth Seat Front Seat (2) ≥ 8 centimeters but < 15 centimeters (11) Left (41) Left (3) > 15 centimeters but < 30 centimeters (42) Middle (12) Middle (4) ≥ 30 centimeters but < 46 centimeters (13) Right (43) Right (5) > 46 centimeters but < 61 centimeters (6) ≥ 61 centimeters (97) Catastrophic Second Seat (7) Catastrophic (98) Other enclosed (21) Left (9) Unknown area (specify) (22) Middle (23) Right (99) Unknown DOMINANT CRUSH DIRECTION Third Seat (1) Vertical (31) Left (2) Longitudinal (32) Middle (3) Lateral (33) Right (7) Catastrophic (9) Unknown

ST	EERING	RIM/SPOKE DEFOR	RMATION
,		Measurements Are in Centimete	
COMPARISON VALUE	_	DAMAGE VALUE	= DEFORMATION
- 10 - 1 - 10 - 10 - 10 - 10 - 10 - 10	-		=
			=
			=
	_		=

STEERING COLUMN	INSTRUMENT PANEL
״	92. Odometer Reading O 3 1,000
87. Steering Column Type (1) Fixed column (2) Tilt column (3) Telescoping column (4) Tilt and telescoping column	kilometers Code to the nearest 1,000 kilometers (000) No odometer (001) Less than 1,500 kilometers
(8) Other column type (specify):	(500) 499,500 kilometers or more
(9) Unknown	(999) Unknown
88. Tilt Steering Column Adjustment (0) No tilt steering column	93. Instrument Panel Damage from
(1) Full up (2) Between full up and center	Occupant Contact?
(3) Center (4) Between center and full down	(1) Yes (9) Unknown
(5) Full down (9) Unknown	94. Type of Knee Bolster Covering
_	(O) No knee bolster (1) Padded
89. Telescoping Steering Column Adjustment (0) No telescoping steering column	(2) Rigid plastic (8) Other (specify):
(1) Full back (2) Between full back and midpoint	(9) Unknown
(3) Midpoint (4) Between midpoint and full forward	95. Knee Bolsters Deformed from Occupant Contact?
(5) Full forward (9) Unknown	(0) No knee bolster (1) No deformation
	(2) Yes - deformation (9) Unknown
90. Steering Rim/Spoke Deformation Code actual measured deformation to the nearest centimeter (00) No steering rim deformation	96. Did Glove Compartment Door Open During Collision(s)? (0) No glove compartment door
(01-14) Actual measured value in centimeters (15) 15 centimeters or more (98) Observed deformation cannot be measured	(1) No - door did not open (2) Yes - door opened (9) Unknown
(99) Unknown	97. Adaptive (Assistive) Driving Equipment (0) No adaptive driving equipment
91. Location of Steering Rim/Spoke 0 0	(1) Adaptive driving equipment installed (Check all that apply.)
(00) No steering rim deformation	[] Hand controls for braking/acceleration [] Steering control devices (attached to OEM steering wheel
Quarter Sections (01) Section A (02) Section B	[] Steering knob attached to steering wheel [] Low effort power steering (unit or device)
(03) Section C (04) Section D	[] Replacement steering wheel (i.e., reduced diameter) [] Joy-stick steering controls
Half Sections (05) Upper half of rim/spoke	[] Wheelchair tie-downs [] Modification to seat belts (specify):
(06) Lower half of rim/spoke (07) Left half of rim/spoke	[] Additional or relocated switches (specify):
(08) Right half of rim/spoke (09) Complete steering wheel collapse	[] Raised roof [] Wall-mounted head rest (used behind
(10) Undetermined location (99) Unknown	wheelchair) [] Other adaptive device (specify):
	(9) Unknown



		POIN	TS OF OCC	UPANT CONTACT		
	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical E	vidence	Confidence Level of Contact Point
Α						
В						
С						
D						
E						
F						
G						
Н						
ı						
J			/			
К						
L						
М						
N						
lever, other a (008) Cellular telepi radio (009) Add on equip tapedeck, air (010) Left instrume below (011) Center instrum below (012) Right instrum below (013) Glove compa (014) Knee bolster (015) Windshield in more of the f header, A (A instrument pi steering asse side only) (016) Windshield in more of the f header, A (A	el hub/spoke el (combination and 005) mission selector ttachment hone or CB ment(e.g., conditioner) nt panel and ment panel and ment panel and rtment door cluding one or ollowing: front 1/A2)-pillar, anel, mirror, or mbly (driver cluding one or ollowing: front 1/A2)-pillar, anel, or mirror de only) ent, (specify):	LEFT SIDE (051) Left sic excludi armresi (052) Left sic armresi (053) Left A (054) Left B- (055) Other I (056) Left sic (057) Left sic (057) Left sic (058) Left sic (059) Left sic includir followir sill, A (000) Other I (specif RIGHT SIDE (101) Right s excludi armresi (102) Right S (104) Right S (105) Other I (106) Right S (107) Right S (108) Right S (109) Right S	le interior surface, ing hardware or its le hardware or its le hardware or its le hardware or its le window glass le window glass le window glass ing one or more of the ing: frame, window A1/A2)-pillar, B-pillar, side rail. left side object left window glass ing one or more of the ing: frame, window A1/A2)-pillar, B-pillar inght pillar (specify): left window glass ing one or more of the ing: frame, window (A1/A2)-pillar, B-pillar, side window glass ing one or more of the ing: frame, window (A1/A2)-pillar, B-pillar, side rail.	INTERIOR (151) Seat, back support (152) Belt restraint webbing/buckle (153) Belt restraint B-pillar or door frame attachment point (154) Other restraint system component (specify): (155) Head restraint system (160) Other occupants (specify): (161) Interior loose objects (162) Child safety seat (specify): (163) Other interior object (specify): AIR BAG (170) Air bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify) ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (204) Roof right side rail (205) Roof or convertible top FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console (253) Parking brake handle (254) Foot controls including parking brake	REAR (301) Backlight (rea (302) Backlight stor door, etc. (303) Other rear obj ADAPTIVE (ASSISTI EQUIPMENT (401) Hand controls braking/accele (402) Steering cont (attached to (wheel) (403) Steering whee (405) Replacement (i.e., reduced (406) Joy stick stee (407) Wheelchair ti (408) Modification ((specify): (409) Additional or switches, (sp (410) Raised roof (411) Wall mounted (used behind (412) Other adaptiv (specify): CONFIDENCE LEVEL POINT (1) Certain	age rack, ect (specify): VE) DRIVING for eration rol devices DEM steering attached to el steering wheel diameter) ering controls e-downs to seat belts, relocated ecify): I head rest wheel chair) e device

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a child safety seat is present, encode the data on the back of this page 11.

	If the vehicle has automatic res	Left	Center	Right
	A-Availability	I.		Ψ
F	B-Evidence of usage	014		Oy .
I R	C-Used in this crash?	δV		00
S	D-Proper Use	00		00
T	E-Failure Modes			.)
	F-Anchorage Adjustment)		1,,,
	A-Availability	4	<u> </u>	4
S	B-Evidence of usage	64	3	04
Ě	C-Used in this crash?	OD	00	ಂ ರ
ŏ	D-Proper Use	θρ	0 2	00
SECOZO	E-Failure Modes			
<i>U</i>	F-Anchorage Adjustment		ρ	
	A-Availability			<u>'</u>
0	B-Evidence of usage			
T	C-Used in this crash?			
H E	D-Proper Use			
R	E-Failure Modes			
	F-Anchorage Adjustment		/	L'

A-Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

B/C-Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify):
- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used type unknown
- (08) Other belt used (specify):
- (12) Shoulder belt used with child safety
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

D-Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of manual belt system (specify):
- (9) Unknown

E-Manual (Active) Belt Failure Modes During

Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other manual belt failure (specify):
- (9) Unknown

F-Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

Alli DAGO				
		Frontal Air BagsLeft Front	Frontal Air Bags-Right Front	OtherAir Bag
F I R S	Availability/Function	0	0	
	Deployment	0	0	
	Failure	0	0	

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
F I R S T	A-Availability/Function		
	B-Use		
	C-Type		
	D-Proper Use		
	F-Failure Modes		

A-Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

B-Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

C-Automatic (Passive) Belt System Type

- (O) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

D-Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or

automatic shoulder belt used improperly with child safety seat (specify):

- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

E-Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other automatic belt failure (specify):
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data *for the driver and first seat passenger* in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
A-Type of air bag?		
B-Flaps open at tear points?		
C-Flaps damaged?	5	
D-Air bag damaged?	S COOK	
E-Source of air bag damage	1001	
F-Air bag tethered?		
G-Air bag have vent ports?		
H-Other occupant contact air bag?		
I-Occupant wearing eyewear?		

A-Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

B-Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

C-Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

D-Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

E-Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

F-Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

G-Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

H-Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

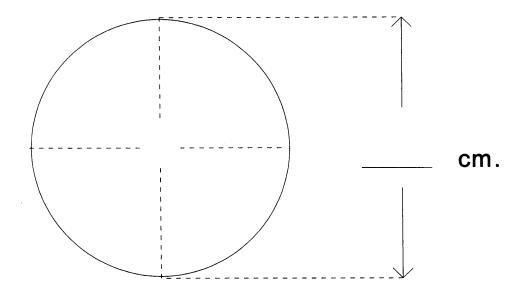
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

I-Was This Occupant Wearing Eye-wear?

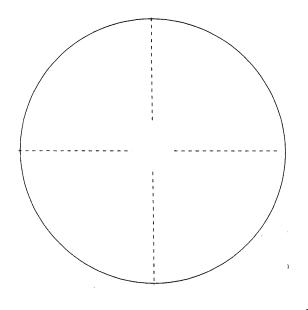
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)

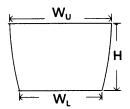


DRIVER AIR BAG SKETCHES (Cont'd)

3. DRIVER AIR BAG MODULE COVER FLAP SIZE (SINGLE)

width (W_U) _____ width (W_L) _____

height (H)

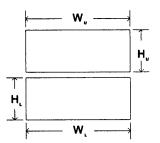


4. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)

a. Upper Flap b. Lower Flap

width (W_U) ____ width (W_L) ____

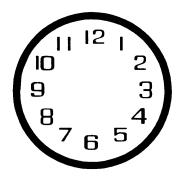
height (H_U) _____ height (H_L) _____



5. SKETCH OF OTHER TYPE OF AIR BAG MODULE **FLAP AND SIZE**

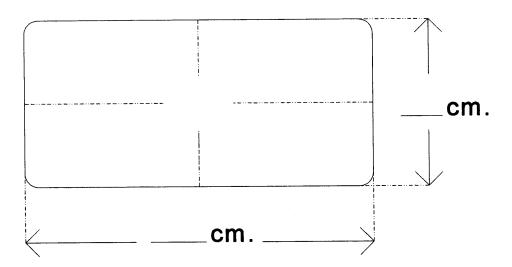
6. SKETCH OF OTHER TYPE OF AIR BAG VENT **PORTS**

7. SKETCH LOCATION OF CIRCULAR AIR BAG VENT **PORTS**

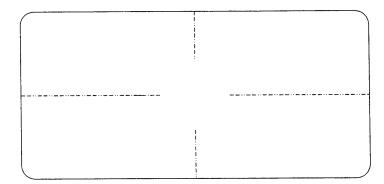


PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



PASSENGER AIR BAG SKETCHES (Cont'd)				
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) width (W) height (H) W ——— W ———	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap width (Wu) height (Hu) Hu Hu W Hu Hu Hu Hu Hu Hu Hu			
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS			
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS 10 11 12 1 2 9 3 8 7 6 5 4				

"OTHER" AIR BAG DAMAGE AND CONTACT SKETCHES
1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)
2. SKETCH DAWAGE AND CONTACT EVIDENCE ON THEIR AIR DAG (BOOK)
2. SKETCH DAWAGE AND CONTACT EVIDENCE ON "OTHER" AIR DAG (DOCK)
2. SKETCH DAWAGE AND CONTACT EVIDENCE ON CHIEF AIR DAG (DOCK)
2. SKETCH BAWAGE AND CONTACT EVIDENCE ON THE TAIN BAG (BOOK)
2. SKETCH BAMAGE AND CONTACT EVIDENCE ON CONTENT AIN BAC (BOOK)
2. SKETCH BAINAGE AND CONTACT EVIDENCE ON CITIENT AIR BAG (BUSA)
2. SKETCH BAIMAGE AND CONTACT EVIDENCE ON CONTENT AND DAG (BUCK)
2. SKETCH DAWAGE AND CONTACT EVIDENCE ON CHIEF AIT DAG (DUCK)
2. SKETCH DAWAGE AND CONTACT EVIDENCE ON THE PARTIES.
2. SKETCH BAWAGE AND CONTACT EVIDENCE ON CITIZEN AIR DAG (ESC.)

	"OTHER" AIR BAG SKETCHES (Cont'	d)
3. SKETCH AIR BAG MODULE FLAP	AND SIZE OR OPENING FOR AIRBAG	
4. SKETCH AIR BAG VENT PORTS		
·		

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found on the next page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
	A-Head Restraint Type/Damage	3		3
_ [B-Seat Type	DL		02
F	C-Seat Orientation			
RS	D-Seat Track Position	04		04
Τ [E-Seat Back Incline Pre/Post Impact	23		23
	F-Seat Performance			
	A-Head Restraint Type/Damage	3	O	3
_	B-Seat Type	04	04	04
S E	C-Seat Orientation			
C	D-Seat Track Position	0	0	<u>O</u>
N D	E-Seat Back Incline Pre/Post Impact	23	23	23
	F-Seat Performance		1	
	A-Head Restraint Type/Damage			
т	B-Seat Type		/	
H	C-Seat Orientation			
Ŕ	D-Seat Track Position			
D	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance			
i	A-Head Restraint Type/Damage			
0	B-Seat Type			
T H	C-Seat Orientation			
E R	D-Seat Track Position			
••	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance			

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION

A-Head Restraint Type/Damage by Occupant at This Occupant Position	Impa		
(0) No head restraints	(00)	Occupant not seated or no seat Not adjustable	
(1) Integral — no damage (2) Integral — damaged during	(01)	Not adjustable	
accident		ht prior to impact	
(3) Adjustable — no damage	(11)		15 14 13
(4) Adjustable — damaged during		position	10 10
accident	(12)		16 \ / 12
(5) Add-on — no damage	(1.2)	position	\ \ / /
(6) Add-on — damaged during	(13)	Moved to slightly rearward position	17 \ \ \ / \ _11
accident	(14)	<u>-</u>	
(8) Other	(15)		
Specify):	1101	position	
(9) Unknown	(16)		
	•	position	
	(17)		
B-Seat Type (this Occupant		position	
Position)	<i></i> .		
(00) Occupant not seated or no	Sligh	tly reclined prior to impact	25 ²⁴ 23
seat	(21)	Moved to completely rearward position	26 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
(01) Bucket	(22)	P-0-1-1-1	
(02) Bucket with folding back	(22)	position	27 \ \ \ \ \ 21
(03) Bench	(23)	Retained pre-impact postion	
(04) Bench with separate back	(24)		
cushions	(25)		
(05) Bench with folding back(s)	•	position	
(06) Split bench with separate back cushions	(26)	Moved to forward midrange	
(07) Split bench with folding		position	
back(s)	(27)		
(08) Pedestal (i.e., column		position	
supported)	0	-1-4-6	
(09) Box mounted seat (i.e., van		pletely reclined prior to impact Retained pre-impact position	
type)	(31) (32)	Moved to rearward midrange	35 ³⁴ 33
(10) Other seat type (specify):	(32)	position	36 \ / 32
	(33)		
(99) Unknown	,00,	position	37 \ \ / / 31
	(34)	Moved to upright position	
	(35)	Moved to slightly forward	
C-Seat Orientation (this Occupant		position	
Position)	(36)		
(0) Occupant not seated or no	(07)	position	
seat	(37)		
(1) Forward facing seat		position	
(2) Rear facing seat	1991	Unknown	Coding diagrams for Seat Back Incline
(3) Side facing seat (inward)	(33)	Olikilowii	Position Prior and Post Impact
(4) Side facing seat (outward)			
(8) Other (specify):			
(9) Unknown	F-Se	at Performance (this Occupant	
(9) CHRIOWII	Posit		
	(0)	Occupant not seated or no seat	
	(1)	No seat performance failure(s)	
D-Seat Track Adjusted Position Prior	, (2)	Seat adjusters failed	
To Impact	(3)	Seat back folding locks or "seat	DECODIDE ANY INDICATION OF
(0) Occupant not seated or no		back" failed (specify):	DESCRIBE ANY INDICATION OF
seat	(4)	Seat tracks/anchors failed	
(1) Non-adjustable seat track	(5)	Deformed by impact of occupant	ADMODMAL OCCUDANT DOCTUDE
A. #	(6)	Deformed by impact of occupant	ABNORMAL OCCUPANT POSTURE
Adjustable Seat Track	, 3,	compartment intrusion	
(2) Seat at forward most track		(specify):	A E LINUGUAL OCCUPANT
position (3) Seat between forward most	(7)	Combination of above (specify):	(I.E., UNUSUAL OCCUPANT
(3) Seat between forward most and middle track positions			
(4) Seat at middle track position	(8)	Other (specify):	CONTACT DATTEDAIL
(5) Seat between middle and rear			CONTACT PATTERN)
most track positions	(9)	Unknown	
(6) Seat at rear most track			
position			
(9) Unknown			

and complete the column below ach child safety seat present.
d Safety Seat
t Harness Usage t Shield Usage t Tether Usage ellow Are Used for Variables 3-5. fety seat th Harness/Shield/Tether et harness/shield/tether used et harness/shield/tether used y seat used, but no after market eld/tether added f harness/shield/tether sed larness/Shield/Tether ield/tether not used ield/tether used f harness/shield/tether used igned With Harness/Shield/Tethe ield/tether not used ield/tether used f harness/shield/tether used f child safety seat used at Make/Model
i i i

(99) Unknown if child safety seat used

The vehicle. Code the appropriate spectron NoN Yes [Describe indications of ejection and			rtial ejection(s):		
Occupant Number						
Ejection						
(Note on Vehicle Interior Sketch) Ejection Area		·				
Ejection Medium						
Medium Status						
Ejection (1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown Ejection Area (1) Windshield (2) Left front	(7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown Ejection Medium (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing		(5) Integral structure (8) Other medium (specify): (9) Unknown Medium Status (Immediately Prioto Impact) (1) Open (2) Closed (3) Integral structure			
(3) Right front (4) Left rear (5) Right rear (6) Rear		i glazing ixed glazing	(specify):	(9) Unkr		
ENTRAPMENT No] Yes	s []					
Component(s):						

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

,/ 1	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	· , ,
2. Case Number - Stratum 1 3 5 E	10. Occupant's Seat Position
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number	(13) Right side
	(14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant Third Seat
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	(31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknowninches X 2.54 =centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify):
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown pounds X .4536 = kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown
	·

EJECT	ION/EN	NTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained
(1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	<u>o</u>	(2) Could not exit vehicle due to jammed doors, fire, etc. (specify):
(1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown		(4) Exited vehicle under own power (5) Occupant fully ejected (8) Removed from vehicle for other reasons (specify): (9) Unknown

18. Manual (Active) Balt System Availability 19. Dishower almable 19. Shoulder belt 19. Shoulder belt 19. Dishower 19. Dishower 19. Manual Shoulder belt 10. No manual shoulder belt shoulder shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder belt used with child safety seat 10. No manual shoulder shoulder shoulder shoulder shoulder shoulder shoulder	BELT SYSTEM FUNCTION						
(22) Shoulder belt (23) Lap belt (24) Lap and shoulder belt (25) Belt used—type unknown (26) Other belt used with child safety seat (27) Shoulder belt used with child safety seat (28) Lap belt used with child safety seat (29) Unknown (20) Not equipped/not available/destroyed or rendered inoparative (31) Lap belt used with child safety seat (32) Belt used with child safety seat (33) Belt used with child safety seat (34) Shoulder belt used with child safety seat (39) Unknown if belt used (30) On None used or not available (30) On None used or not available (31) Belt used properly (32) Belt used properly (33) Shoulder belt worn under arm (34) Shoulder belt worn behind back or seat (35) Belt worn around more than one person (36) Lap belt worn on abdomen (37) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (48) Other improper use of manual belt system (59) Unknown (50) Unknown (50) On None around more than one person (50) Lap belt worn on abdomen (70) Lap belt worn on abdomen (71) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (49) Unknown (50) On None around more than one person (50) Eroken included) (50) On None around more than one person (51) Other anchorage separated (specify): (52) Unknown (53) Automatic belt used properly (54) Automatic belt used properly with child safety seat (55) Automatic belt worn under arm (57) Automatic belt worn under arm (58) Automatic belt worn under arm (59) Unknown (69) Other improper use of manual belt system (59) Unknown (69) Other improper use of manual belt system (50) Other anchorage separated (specify): (60) Other anchorage separated (specify): (61) Other anchorage separated (specify): (62) Other manual belt failure (specify): (63) Other manual belt failure (specify): (64) Automatic belts used system (65) Unknown (76) Not equipped/not available/not used (77) Automatic belt used properly (78) Automatic belt used properly (79) Automatic belt used properly (79) Unknown (79) Unknown (79) Unknown (79) Unknow	(0) None available (1) Belt removed/destroye (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type u Integral Belt Partially Destro (6) Shoulder belt (lap belt (7) Lap belt (shoulder belt (8) Other belt (specify): (9) Unknown 19. Manual (Active) Belt Syste (00) None used, not availate removed/destroyed	m Availability ed nknown oyed t destroyed/removed) t destroyed/removed) m Use able, or belt	22. Manual Shoulder Belt Upper Anchorage Adjustment (0) No manual shoulder belt (1) No upper anchorage adjustment for manual shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment 23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown	<u>0</u>			
(9) Unknown	(03) Lap belt (04) Lap and shoulder belt (05) Belt used — type unkr (08) Other belt used (spect (12) Shoulder belt used with cl (13) Lap belt used with cl (14) Lap and shoulder belt safety seat (15) Belt used with child (18) Other belt used with (specify): (99) Unknown if belt used (0) None used or not ava (1) Belt used properly (2) Belt used properly (3) Shoulder belt worn un (4) Shoulder belt worn be (5) Belt worn around mon (6) Lap belt worn on abd (7) Lap belt or lap and shimproperly with child (8) Other improper use on (specify): (9) Unknown 21. Manual (Active) Belt Failud During Accident (0) No manual belt used (1) No manual belt failur (2) Torn webbing (stretch included) (3) Broken buckle or late (4) Upper anchorage sep (5) Other manual belt failur (7) Combination of abov (8) Other manual belt failur (18) Other manual belt failur (19) Unknown	rith child safety seat hild safety seat t used with child safety seat t used with child safety seat — type unknown child safety seat — O — O — O — O — O — O — O — O — O —	(4) Automatic belts destroyed or rendered inoperative (9) Unknown 24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown 25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (3) Unknown 26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly (3) Automatic belt used properly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown 27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not include (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (5) Other retractor (7) Combination of above (specify): (6) Broken retractor (7) Combination belt failure (specify):	0 0			

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (O) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):
	(9) Unknown

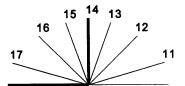
FIRST SEAT FRONTAL AIN	BAG SYSTEM EVALUATION
35. Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag O D D Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36. Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? C (0) Not equipped/not available (1) No (2) Yes (specify):
38. Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(7) Not deployed (8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut
39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

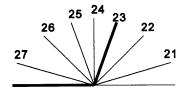
	FIRST SEAT FRONTAL AIR BAG SYSTEM		HEAD RESTRAINT AND SEAT EVALUATION
	EVALUATION continued		3
144	Source of Air Bag Damage	0	49. Head Restraint Type/Damage by Occupant at This Occupant Position
77.	(00) Not equipped/not available	<u> </u>	(0) No head restraints
	(01) Not damaged		(1) Integral—no damage
1	(02) Object worn by occupant, (specify):		(2) Integral—damaged during accident
	, , , , , , , , , , , , , , , , , , , ,		(3) Adjustable—no damage
	(03) Object carried by occupant, (specify):	_	(4) Adjustable—damaged during accident
	•		(5) Add-on—no damage
	(04) Adaptive/assistive controls, (specify):		(6) Add-on-damaged during accident
			(8) Other (specify):
	(05) Fire in vehicle		
	(06) Thermal burns		(9) Unknown
	(07) Rescue or emergency efforts		^ 2
	(88) Other damage source (specify):		50. Seat Type (this Occupant Position)
	105)	_	(00) Occupant not seated or no seat
	(95) Damaged, unknown source		(01) Bucket
	(96) Deployed, unknown if damaged		(02) Bucket with folding back
	(97) Not deployed		(03) Bench
	(98) Unknown if deployed (99) Unknown		(04) Bench with separate back cushions
	(99) Olikilowii		(05) Bench with folding back(s)
		_	(06) Split bench with separate back cushions
45.	Was The Air Bag Tethered?	_0_	(07) Split bench with folding back(s)
	(O) Not equipped/not available		(08) Pedestal (i.e., column supported)
	(1) No		(09) Box mounted seat (i.e., van type)
	(2) Yes (specify number of tether straps):		(10) Other seat type (specify):
			(99) Unknown
	(3) Deployed, unknown if tethered		(99) Olikilowii
	(7) Not deployed		51. Seat Orientation (this Occupant Position)
	(8) Unknown if deployed		(0) Occupant not seated or no seat
	(9) Unknown	A	(1) Forward facing seat
46.	Did The Air Bag Have Vent Ports?	0	(2) Rear facing seat
1	(0) Not equipped/not available		(3) Side facing seat (inward)
	(1) No		(4) Side facing seat (outward)
	(2) Yes (specify number of vent ports):		(8) Other (specify):
1	(3) Deployed, unknown if vent ports present		(9) Unknown
	(7) Not deployed		
	(8) Unknown if deployed		52. Seat Track Adjusted Position Prior To Impact 4
1	(9) Unknown		(0) Occupant not seated or no seat
177	Was the Air Bag in this Occupant's Position	0	(1) Non-adjustable seat track
+ ' ·	Contacted by Another Occupant?		Adjustable Seat Track
1	(0) Not equipped/not available		(2) Seat at forward most track position
	(1) No		(3) Seat between forward most and middle track
1	(2) Yes (specify):		positions
	121 . 00 (opoon) / 1		(4) Seat at middle track position
1	(3) Deployed, unknown if other occupant con	tact	(5) Seat between middle and rear most track
	to air bag		positions
	(7) Not deployed		(6) Seat at rear most track position
	(8) Unknown if deployed		(9) Unknown
	(9) Unknown		,=, =
		\wedge	
48	Was This Occupant Wearing Eye-wear?	<u>o</u>	
1	(0) Not air bag equipped/air bag not available		
1	(1) No		
1	(2) Eyeglasses/sunglasses		
	(3) Contact lenses		
	(4) Deployed, unknown if eyewear worn		
1	(7) Not deployed		
1	(8) Unknown if deployed		
	(9) Unknown		I .

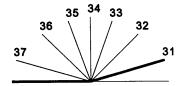
	onal Accident Sampling System-Crashworthiness Data S HEAD RESTRAINT AND SEAT	
53.	Seat Back Incline Prior and Post Impact 23	
	(00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position	
ĺ	(12) Moved to completely real ward position	15 14
l	(13) Moved to slightly rearward position	16
1	(14) Retained pre-impact position	17
l	(15) Moved to slightly forward position	
	(16) Moved to forward midrange position	
	(17) Moved to completely forward position	
	Slightly reclined prior to impact	
l	(21) Moved to completely rearward position	
	(22) Moved to rearward midrange position	25 24
	(23) Retained pre-impact position	26
l	(24) Moved to upright position	27
ĺ	(25) Moved to slightly forward position	
	(26) Moved to forward midrange position	
	(27) Moved to completely forward position	
	Completely reclined prior to impact	
•	(31) Retained pre-impact position	
	(32) Moved to rearward midrange position	35 ³⁴
	(33) Moved to slightly rearward position	36 \
	(34) Moved to upright position (35) Moved to slightly forward position	37
l	(36) Moved to slightly forward position	
	(37) Moved to completely forward position	
	(99) Unknown	
54	. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat	
	(1) No seat performance failure(s)	
1	(2) Seat adjusters failed	
	(3) Seat back folding locks or "seat back" failed	
	(specify):	
	(4) Seat track/anchors failed	
	(5) Deformed by impact of occupant	
	(6) Deformed by passenger compartment	
	intrusion, (specify):	

(7) Combination of above (specify):

(8) Other (specify): _ (9) Unknown







	CHILD SA	FETY SEAT
55.	Child Safety Seat Make/Model 5 0 0 (000) No child safety seat	58. Child Safety Seat Harness Usage
	Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat	59. Child Safety Seat Shield Usage
	(997) Other make/model (specify):	60. Child Safety Seat Tether Usage
	(998) Unknown make/model (999) Unknown if child safety seat used	Note: Options below applicable to Variables OA58-OA60.
	Time of Child Sefety Seet	(OO) No child safety seat
56.	Type of Child Safety Seat (0) No child safety seat	Not Designed With Harness/Shield/Tether
	(1) Infant seat	(01) After market harness/shield/tether
	(2) Toddler seat	added, not used
	(3) Convertible seat	(02) After market harness/shield/tether used
	(4) Booster seat - with shield	(03) Child safety seat used, but no after market
	(5) Booster seat - without shield	harness/shield/tether added
	(7) Other type child safety seat (specify):	(09) Unknown if harness/shield/tether
	(O) Halington abild a fate and time	added or used
1	(8) Unknown child safety seat type	Designed With Harness/Shield/Tether
	(9) Unknown if child safety seat used	(11) Harness/shield/tether not used
	_	(12) Harness/shield/tether used
57	. Child Safety Seat Orientation $\underline{}$ $\underline{}$	(19) Unknown if harness/shield/tether used
] "	(00) No child safety seat	- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
	(50, 110 0.m2 12.22) 00m	Unknown If Designed With Harness/Shield/Tether
	Designed for Rear Facing for This Age/Weight	(21) Harness/shield/tether not used
	(01) Rear facing	(22) Harness/shield/tether used
	(02) Forward facing	(29) Unknown if harness/shield/tether used
	(08) Other orientation (specify):	(99) Unknown if child safety seat used
	(09) Unknown orientation	
	Designed For Forward Facing for This Age/Weight (11) Rear facing	
	(12) Forward facing	
	(18) Other orientation (specify):	
	(19) Unknown orientation	
	Unknown Design or Orientation For This	
	Age/Weight, or Unknown Age/Weight (21) Rear facing	
	(21) Hear facing (22) Forward facing	
	(28) Other orientation (specify):	
	(==, ==================================	
	(29) Unknown orientation	
	(99) Unknown if child safety seat used	
t		•

INJURY CONSEQUEN	CES		
(0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown	<u> </u>	63. Type Of Medical Facility (for Initial Tre (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify): (9) Unknown	eatment) 2
(O) No treatment (1) Fatal (2) Fatal - ruled disease (specify):	<u> </u>	64. Hospital Stay (00) Not Hospitalized Code the number of days (up thr that the occupant stayed in hospital. (61) 61 days or more (99) Unknown	ough 60)
 (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility treated (9) Unknown 		65. Working Days Lost Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown	<u>9</u> 9
EME	RGENCY RESPO	ONSE INFORMATION	
EMS Notification (1) Not notified (2) Notified (9) Unknown	ROAD VEHICLE	EMS Type (01) Fire department (02) Rescue squad (03) Police department (04) Trauma unit	TRANSPORTING UNIT
EMS NotificationTime (first unit) (9999) Unknown	ROAD VEHICLE	(05) Disaster unit (06) Ambulance service unit (07) Hospital (08) Mortuaries/funeral homes (98) Other, specifiy: (99) Unknown	YERICEE
EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown	ROAD VEHICLE	EMS Care (01) No care administered (02) First aid	
EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport	ROAD VEHICLE	(04) CPR	NIR VEHICLE TO THE PROPERTY OF
(9998) EMS arrived, but was not used (9999) Unknown	7	(08) Combination of above, specify:	
EMS Arrival Time At Treatment Facility (9999) Unknown	ROAD VEHICLE	4 TO BE CODED BY THE ZONE	

TO BE CODED BY THE ZONE CENTER

IN HIDY CONCEQUENCES	TRAUMA DATA
INJURY CONSEQUENCES 66. Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
68. 2nd Medically Reported Cause of Death	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported , HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(99) Unknown	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

U.S. Department of Transportation National Highway Traffic Safety

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

2. Case Number - Stratum

4 3. Vehicle Number

4. Occupant Number

0 1

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

				A.I.S 9	0		_		Injury		Occupant
	Source		Type of	Specific	1	A.I.S.		Injury	Source Confidence	Direct/ Indirect	Area Intrusion
	of Injury Data	/ Body Region	Anatomic Structure	Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Source	Level	Injury	Number
			Z	01.0010.0	,,						
n 1st	ult. (6. <u>9</u>	7. <u>9</u>	8. <u>04</u>	9. <u>00</u>	10. /	11.0	12.697	13. 9	14. 7	15. <u>99</u>
2nd	16	17	18	19	20	21	22	23	24	25	26
3rd	27	28	29	30	31	32	33	34	35	36	37
4th	38	39	40	41	42	43	44	45	46	47	48
5th	49	50	51	52	53	54	55	56	57	58	59
6th	60	61	62	63	64	65	66	67	_ 68	69	70
7th	71	72	73	74	75	76	77	78	79	80	81
8th	82	83	84	85	86	87	88	89	90	91	92
9th	93	94	95	96	97	98	99	100	101	102	103
10tl	n 104	105	106	107	108	109	110	111	_112	113	114
	· ·										

	•			occi	JPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th											
12th			-								
13th	_		-			_					
14th	_	_				-			_		
15th	_					_			_		——
16th	_										
17th										_	
18th		_								-	
19th	_								_		
20th					·						
21st	_										
22nd	-										<u> </u>
23rd										_	
24th						. -	-		_	_	
25th											

DIRECT/INDIRECT INJURY

(06) Lumbar

SOURCE OF INJURY DATA

OCCUPANT INJURY CLASSIFICATION Aspect **Body Region Specific Anatomic** Level of Injury Structure Right Specific injuries are (1) Head assigned consecutive Left (2)(2)**Face** Bilateral (3) Neck two-digit numbers (3)Vessels, Nerves, Organs. Bones. Joints are assigned beginning with 02. (4)Central (4)Thorax (5) Anterior (5) Abdomen consecutive two digit (6)**Posterior** To the extent possible, (6) Spine numbers beginning with within the organizational (7)Superior **Upper Extremity** 02. (7)framework of the AIS, 00 (8) Inferior **Lower Extremity** (8)(9) Unknown The exceptions to this rule is assigned to an injury (9) Unspecified NFS as to severity or **(O)** Whole region apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any injury NFS as to lesion or (06) Skin - Laceration Whole Area (1)(08) Skin - Avulsion severity. (2) Vessels (10) Amputation (3) **Nerves** (20) Burn **Abbreviated Injury Scale** (4) Organs (includes (30) Crush Muscles/ligaments) (40) Degloving (1)Minor Injury (5) Skeletal (includes (50) Injury - NFS (2)Moderate Injury ioints) (90) Trauma, other than (3) Serious Injury Head - LOC (6)(4) Severe Injury mechanical (9) Skin (5) Critical Injury Maximum Head - LOC (6) (02) Length of LOC (untreatable) Injured, unknown (7) severity (04) Level (06) of (08) Consciousness (10) Concussion <u>Spine</u> (02) Cervical (04) Thoracic

CONFIDENCE LEVEL OFFICIAL RECORDS Direct contact injury (1) Autopsy records with or (1) Certain Indirect contact injury (2) Probable (2) without hospital/medical Noncontact injury (3) Possible records (2) Hospital/medical records other (7) Injured, unknown source (9) Unknown than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic **UNOFFICIAL RECORDS** (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

INJURY SOURCE

			INJURY				
FRON		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield		armrest		object held		(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
(003)	Sunvisor	(104)	Right B-pillar		object in mouth		(specify):
(004)	Steering wheel rim	(105)	Other right pillar (specify):	(185)	Air bag compartment		
(005)	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTE	RIOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	· · · · · · · · · · · · · · · ·
(007)	Steering column,	(108)	Right side window sill		eyewear		Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment		Outside hardware (e.g.,
	other attachment		including one or more of the	,,,,,,	cover-passenger side and	(402)	outside mirror, antenna)
(008)	Cellular telephone or CB		following: frame, window			(4E0)	
	radio		sill, A (A1/A2)-pillar, B-pillar,	/1001	jewelry Air has samestered	(453)	Other exterior surface or
(009)	Add on equipment (e.g.,		or roof side rail.	(100)	Air bag compartment		tires (specify):
10037	= = = = = = = = = = = = = = = = = = =	(110)			cover-passenger side and		
(010)	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth	EXTER	RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	CLE
(012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
	below	(152)	Belt restraint webbing/buckle	(195)	Other air bag compartment		Hood edge
(013)	Glove compartment door		Belt restraint B-pillar or door		cover (specify)		Other front of vehicle
(014)	Knee boister		frame attachment point			(000)	
(015)	Windshield including one or	(154)	Other restraint system				(specify):
	more of the following: front	(104)	· ·	ROOF		15041	•••
	header, A (A1/A2)-pillar,		component (specify):				Hood
		(455)			Front header		Hood ornament
	instrument panel, mirror, or		Head restraint system		Rear header	(506)	Windshield, roof rail, A-pilla
	steering assembly (driver	(160)	Other occupants (specify):	(203)	Roof left side rail	(507)	Side surface
	side only)			(204)	Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or	(161)	Interior loose objects	(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(162)	Child safety seat (specify):				(specify):
	header, A (A1/A2)-pillar,			FLOOF	₹		
	instrument panel, or mirror	(163)	Other interior object	(251)	Floor (including toe pan)	(510)	Rear surface
	(passenger side only)		(specify):		Floor or console mounted		Undercarriage
(017)	Windshield reinforced by			,,	transmission lever, including		Tires and wheels
	exterior object (specify)				console		Other exterior of other motor
		AIR BA	ve	(252)	Parking brake handle	(313)	
(019)	Other front object (specify):		Air bag-driver side		•		vehicle (specify):
,	Carrotte Control (openity).		Air bag-driver side and	(254)	Foot controls including		
		(1717	-		parking brake	(514)	Unknown exterior of other
LEFT S	SIDE	(4.70)	eyewear				motor vehicle
		(1/2)	Air bag-driver side and	REAR			
(051)	Left side interior surface,		jewelry	(301)	Backlight (rear window)	OTHE	R VEHICLE OR OBJECT IN
	excluding hardware or	(173)	Air bag-driver side and object	(302)	Backlight storage rack,	THE E	NVIRONMENT
	armrests		held		door, etc.	(551)	Ground
(052)	Left side hardware or	(174)	Air bag-driver side and object	(303)	Other rear object (specify):	(598)	Other vehicle or object
	armrest		in mouth			- *	(specify):
(053)	Left A (A1/A2)-pillar	(175)	Air bag compartment				• • • •••
(054)	Left B-pillar	•	cover-driver side	ADAP	TIVE (ASSISTIVE) DRIVING	(599)	Unknown vehicle or object
	Other left pillar (specify):	(176)	Air bag compartment	EQUIP		,555)	CHANGE AND ADDRESS OF ORDERS
		, ,	cover-driver side and		Hand controls for	NONO	ONTACT IN HIDV
(056)	Left side window glass			(+01)			ONTACT INJURY
	Left side window grass	/1771	eyewear Air bag comportment	1400	braking/acceleration		Fire in vehicle
		(177)	Air bag compartment	(402)	Steering control devices		Flying glass
	Left side window sill		cover-driver side and jewelry		(attached to OEM steering	(603)	Other noncontact injury
(009)	Left side window glass	(178)	Air bag compartment		wheel)		source
	including one or more of the		cover-driver side and object	(403)	Steering knob attached to		(specify):
	following: frame, window		held		steering wheel	(604)	Air bag exhaust gases
	sill, A (A1/A2)-pillar, B-pillar,	(179)	Air bag compartment	(405)	Replacement steering wheel		Injured, unknown source
	or roof side rail.		cover-driver side and object		(i.e., reduced diameter)	•	
(060)	Other left side object		in mouth	(406)	Joy stick steering controls		
	(specify):	(180)	Air bag-passenger side		Wheelchair tie-downs		
	-		Air bag-passenger side and		Modification to seat belts,		
		,,,,,	eyewear	(400)			
RIGHT	SIDE	/1021		1400	(specify):		
	Right side interior surface,	(102)	Air bag-passenger side and	(409)	Additional or relocated		
			jewelry		switches, (specify):		
			•		• • •		
	excluding hardware or armrests						

OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Restrained?

__ No 7

Yes

Blood Alcohol Level (mg/dl)

BAL = NR

Glasgow Coma Scale Score

gcss = 15

Units of Blood Given

Units =

Arterial Blood Gases

pn = _--_/

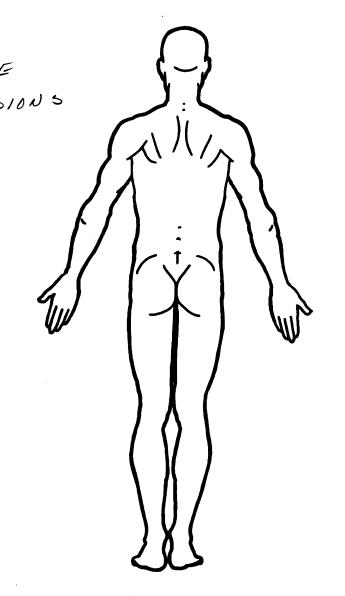
PO₂=

PCO₂ ___

нсо₃ ___

non

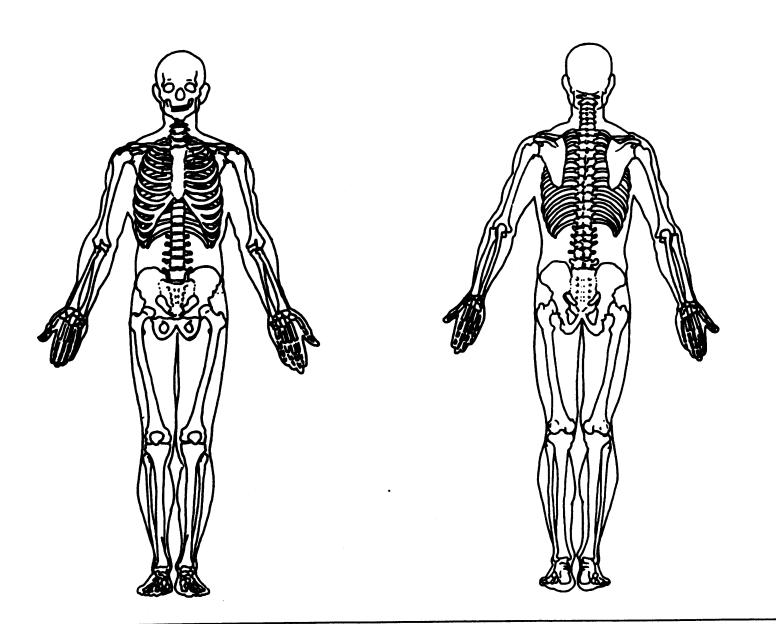
ER MULTIPLE CONTUSIONS



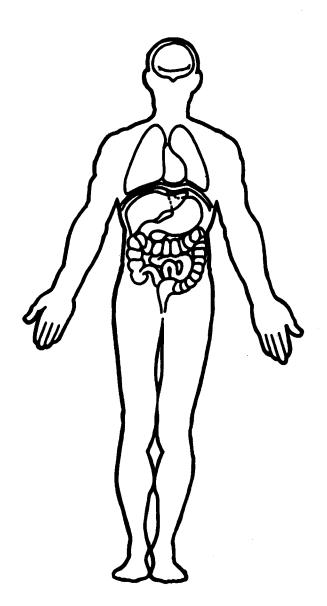
9

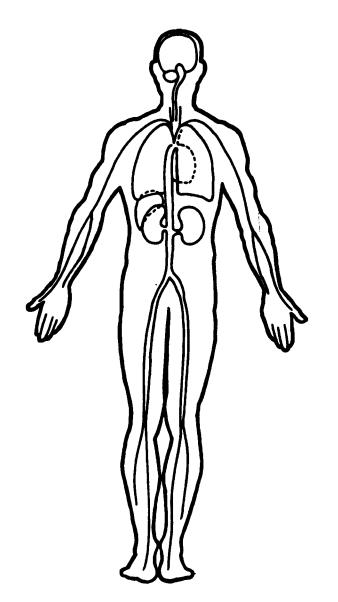
OFFICIAL INJURY DATA — SKELETAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





UPDATE FORM

1. Primary Sampling Unit Number	<u>41</u>	Driver or Occupant Name:
2. Case Number — Stratum	<u>135</u> <u>E</u>	Address:
3. Vehicle Number	0/	
4. Occupant Number	0/	Other Information:
	.	
RECEIV	ED. 996	(Sanitize this section prior to Update submission.)

	S1	TATUS O	F OCCUP	ANT INF	FORMATION		
		INITIAL SUBMISSION	UPDATED INFORMATION			INITIAL SUBMISSION	UPDATED INFORMATION
OAI	LOB. Date Official Medical Data Requested		156	OAL18.	Medical Facility Code	<u>o</u> /_	
OA	L09. Date Official Medical Data Obtained		1,96	GV14.	Alcohol Test Results For Driver	97	
OA	L16. Injury Treatment Status	99	5	GV16.	Other Drug Specimen Test Type For Driver	<u>D</u>	
	L17. Injury Information			OA05.	Occupant's Age	32	
Off a.	<u>icial</u> Autopsy (invasive examination)	<u>B</u> _		OA06.	Occupant's Sex		
	Post-ER medical record which includes information about death based on non-invasive	<u>B</u>		OA07.	Occupant's Height	9 9 9	
	examination	<u>BO8</u>	241	OA08.	Occupant's Weight	999	
C.	Admission record/summary or admission/discharge face sheet	<u> </u>	244	OA61.	Treatment-Mortality	8	
d.	Discharge summary	₽	COOK .	OA62.	Type of Medical Facil	$\frac{2}{2}$	
e.	Operative report	<u> </u>			(for Initial Treatment)		
f.	Radiographic record(s) (X-ray, CT scan)	<u>808</u>		OA63.	Hospital Stay	99	
8.	History and physical examination and/or consultation records	B					
h.	Emergency room records (includes nurses' notes)	₽ ÛX	048				
j.	Private physician	<u>B</u>					
	<u>Unofficial</u>				•		
k.	Lay coroner	<u>B</u>					
ı.	EMS record	<u>B</u>		1			
m.	Interviewee	₽					
n.	Other source (specify):	<u>B</u> _	<u>B</u>				
٥.	Police report	<u>B</u>	<u>B</u>				

UPDATE FORM



1. Primary Sampling Unit Number	Driver or Occupant Name:
2. Case Number – Stratum 135 E	Address:
3. Vehicle Number	
4. Occupant Number	Other Information:
RECEIVED 1997	
	(Sanitize this section prior to Update submission.)
STATUS OF OCCUP	ANT INFORMATION
INITIAL UPDATED	INITIAL UPDATED
OALOS. Date Official Medical Data Requested	SUBMISSION INFORMATION OAL18. Medical Facility Code
OAL09. Date Official Medical Data Obtained	GV14. Alcohol Test Results
OAL16. Injury Treatment Status	GV16. Other Drug Specimen
OAL17. Injury Information	OA05. Occupant's Age
Official a. Autopsy (invasive examination) B	OA06. Occupant's Sex
b. Post-ER medical record which B	9 9
includes information about death based on non-invasive examination	OA07. Occupant's Height 1 9 9 9
c. Admission record/summary or _B	OA08. Occupant's Weight
admission/discharge face sheet	OA61. Treatment-Mortality
d. Discharge summary e. Operative report B	OA62. Type of Medical Facility
f. Radiographic record(s) (X-ray, B. 08 011	(for Initial Treatment)
CT scan)	OA63. Hospital Stay
g. History and physical examination <u>B</u> and/or consultation records	
h. Emergency room records (includes <u>B</u>	
j. Private physician <u>B</u>	
Unofficial	
k. Lay coroner <u>B</u>	
1. EMS record <u>B</u>	
m. Interviewee <u>B</u>	
n. Other source (specify): B B B	
o. Police report <u>B B</u>	

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

1/1	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	10. On a serial Control Position
2. Case Number - Stratum 135E	10. Occupant's Seat Position
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number 0. 2	(13) Right side
4. Occupant Number	(14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown 6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month)	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat
(6) Female-pregnant-term unknown (9) Unknown 7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknowninches X 2.54 =centimeters	(41) Left side (42) Middle (43) Right side (44) Other (specify):
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown pounds X .4536 =kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

EJECT	ION/EN	NTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited
(0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown 14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify):	0	(1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify):

	BELT SYSTE	M FUNCTION
(0 (2 (3 (4 (1) (1) (1)	lanual (Active) Belt System Availability None available Belt removed/destroyed Shoulder belt Lap belt Lap and shoulder belt Belt available—type unknown Stegral Belt Partially Destroyed Shoulder belt (lap belt destroyed/removed) Lap belt (shoulder belt destroyed/removed) Other belt (specify): Unknown	22. Manual Shoulder Belt Upper Anchorage Adjustment (0) No manual shoulder belt (1) No upper anchorage adjustment for manual shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment 23. Automatic (Passive) Belt System Availability/
() ()	Manual (Active) Belt System Use O) None used, not available, or belt removed/destroyed O1) Inoperative (specify): O2) Shoulder belt O3) Lap belt O4) Lap and shoulder belt	Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown
()	12) Shoulder belt used (specify): 12) Shoulder belt used with child safety seat 13) Lap belt used with child safety seat 14) Lap and shoulder belt used with child safety seat 15) Belt used with child safety seat—type unknown 16) Other belt used with child safety seat (specify):	24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown
20. F	99) Unknown if belt used Proper Use of Manual (Active) Belts O) None used or not available 1) Belt used properly	25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (9) Unknown
	2) Belt used properly with child safety seat Belt Used Improperly 3) Shoulder belt worn under arm 4) Shoulder belt worn behind back or seat 5) Belt worn around more than one person 6) Lap belt worn on abdomen 7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): 8) Other improper use of manual belt system (specify): 9) Unknown	26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly
	During Accident O) No manual belt used or not available 1) No manual belt failure(s) 2) Torn webbing (stretched webbing not included)	with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown
	Broken buckle or latchplate Upper anchorage separated Other anchorage separated (specify): Broken retractor Combination of above (specify): Other manual belt failure (specify): Unknown	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):

28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lep belt (4) Lep and shoulder belt (6) Child seftey sead (7) Automatic belt (8) Other type belt, (specify): (9) Police indicated "unknown" (9) Police did not indicate sir bag available (1) Air bag of the report of the re	POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION				
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown" Check the Primary Source Used In Determining Belt Use. C'Yehicle inspection [1] Official injury data [1] Driver/occupant interview [1] Other (specify): [1] Unknown if belt used Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped during accident (as a result of a noncollision even during accident sequence (e.g., fire, explosion, electrical) (1) Exployed as a result of a noncollision even during accident sequence (e.g., fire, explosion, electrical) (1) Unknown if belt used Availability/Function (1) Official injury data (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" eir beg present: 33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed during accident (as a result of impact) (3) Air bag not reinstalled (3) Deployed, details unknown (4) Deployed as a result of a noncollision even during accident sequence (e.g., fire, explosion, electrical) (2) Deployed during accident sequence (e.g., fire, explosion, electrical) (3) Deployed, details unknown (4) Deployed as a result of a noncollision even during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (8) Unknown if deployed (9) Unknown if deployed (1) Deployed during accident sequence (e.g., fire, explosion, electrical) (2) Deployed as a result of a noncollision even during accident sequence (e.g., fire, explosion, electrical) (6) Unknown if deployed (7) Nondeployed (8) Unknown if deployed (9) Unknown if deployed (1) Deployed during accident sequence (e.g., fire, explosion, electrical) (1) Deployed inadvertently just prior to accident sequence (e.g.,	28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt	Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown				
Check the Primary Source Used In Determining Belt Use. [29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed	 (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed 				
Seat Frontal (This Occupant Position) (O) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision ever during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 34. Are There Indications of Air Bag System Failure? (This Occupant Position)	Belt Use. [Availability/Function (This Occupant Position) (O) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown				
(0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown		Seat Frontal (This Occupant Position) (O) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):				

	FIRST SEAT FRONTAL AIR E	BAG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	 41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown Air Bag Deployment Accident Event	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed
30.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut
39	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

FIRST SEAT	FRONTAL AIR BAG SYSTEM		HE	HEAD RESTRAINT AND SEAT EVALUATION
44. Source of Air E (00) Not equip (01) Not dama (02) Object wo	Bag Damage Ded/not available ged per per per per per per per per per per	0	49.	9. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify):
(07) Rescue of (88) Other dar (95) Damaged	r emergency efforts mage source (specify): , unknown source , unknown if damaged pyed if deployed		50.	O. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s)
(1) No (2) Yes (specif	ed/not available fy number of tether straps): unknown if tethered	0	51.	(06) Split bench with separate back cushions (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify): (99) Unknown 51. Seat Orientation (this Occupant Position)
(9) Unknown 46. Did The Air Ba (0) Not equipp (1) No (2) Yes (speci	ng Have Vent Ports? bed/not available fy number of vent ports): unknown if vent ports present	<u>D</u>		(0) Occupant not seated or no seat (1) Forward facing seat (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify):
(8) Unknown (9) Unknown	if deployed	^	52.	52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat (1) Non-adjustable seat track
Contacted by (0) Not equipp (1) No (2) Yes (speci	unknown if other occupant con	<u>O</u>		 Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position (9) Unknown
(0) Not air ba (1) No (2) Eyeglasse: (3) Contact le	enses unknown if eyewear worn yed if deployed	_0_		

HEAD RESTRAINT AND SEAT EVALUATION continued

- 53. Seat Back Incline Prior and Post Impact 2 3
 - (00) Occupant not seated or no seat
 - (O1) Not adjustable

Upright prior to impact

- (11) Moved to completely rearward position
- (12) Moved to rearward midrange position
- (13) Moved to slightly rearward position
- (14) Retained pre-impact position
- (15) Moved to slightly forward position
- (16) Moved to forward midrange position
- (17) Moved to completely forward position

Slightly reclined prior to impact

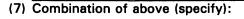
- (21) Moved to completely rearward position
- (22) Moved to rearward midrange position
- (23) Retained pre-impact position
- (24) Moved to upright position
- (25) Moved to slightly forward position
- (26) Moved to forward midrange position
- (27) Moved to completely forward position

Completely reclined prior to impact

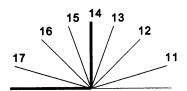
- (31) Retained pre-impact position
- (32) Moved to rearward midrange position
- (33) Moved to slightly rearward position
- (34) Moved to upright position
- (35) Moved to slightly forward position
- (36) Moved to forward midrange position
- (37) Moved to completely forward position
- (99) Unknown
- 54. Seat Performance (this Occupant Position)

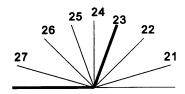


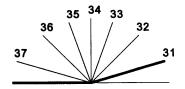
- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):_____
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion, (specify):_____



- (8) Other (specify):
- (9) Unknown







	Cl	HILD SAF	ETY SEA	Τ	
55.	Child Safety Seat Make/Model (000) No child safety seat Applicable codes are found in your NASS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify):	O O	59. Child \$	Safety Seat Harness Usage Safety Seat Shield Usage Safety Seat Tether Usage	00
	(998) Unknown make/model (999) Unknown if child safety seat used		Note: Variab	Options below applicable to bles OA58-OA60. No child safety seat	
	Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Wilder (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed For Forward Facing for This Age (11) Rear facing (12) Forward facing (13) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (23) Other orientation (specify): (29) Unknown orientation	O O	Not D (01) (02) (03) (09) Desig (11) (12) (19) Unkn (21) (22) (29)	Pesigned With Harness/Shield/Tether After market harness/shield/tether added, not used After market harness/shield/tether Child safety seat used, but no after harness/shield/tether added Unknown if harness/shield/tether added or used with Harness/Shield/Tether Harness/shield/tether not used Harness/shield/tether used Unknown if harness/shield/tether with Harness/shield/tether not used Harness/shield/tether not used Harness/shield/tether not used Harness/shield/tether used Unknown if harness/shield/tether used Unknown if harness/shield/tether Unknown if child safety seat used the safety safe	used er market used <i>feld/Tether</i> used

Mational Accident Sampling System-Crashworthiness D	Ata System. Occupant Assessment Form	raye
INJURY CONSEQUENCES		
61. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown 62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify): Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify):	63. Type Of Medical Facility (for Initial Trea (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify): (9) Unknown 64. Hospital Stay (00) Not HospitalizedCode the number of days (up throuthat the occupant stayed in hospital. (61) 61 days or more (99) Unknown 65. Working Days LostCode the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more	00
treated (9) Unknown	(62) Fatally injured (97) Not working prior to accident (99) Unknown	
EMERGENCY RES	SPONSE INFORMATION	
EMS Notification (1) Not notified ROAD VEHIC (2) Notified	EMS Type (01) Fire department (02) Rescue squad	TRANSPORTING UNIT
(9) Unknown AIR VEHICL		VEHICLE

	tification		EMS		FIRST TRANSPORTING
(1) N	lot notified	ROAD VEHICLE	(01)	Fire department	UNIT UNIT
(2) N	lotified		(02)	Rescue squad	
(9) U	Inknown	AIR VEHICLE	(03)	Police department	ROAD VEHICLE
			(04)	Trauma unit	
			(05)	Disaster unit	AIR VEHICLE
EMS Not	tificationTime (first unit)		(06)	Ambulance service unit	
(9999)	Unknown	ROAD VEHICLE	(07)	Hospital	
•			(08)	Mortuaries/funeral homes	
	_	AIR VEHICLE	(98)	Other, specifiy:	
			(99)	Unknown	
EMS Arri	ival Time (first unit)				
(9998)	EMS cancelled or did	ROAD VEHICLE			
	not arrive		EMS	Care	DURING
(9999)	Unknown	AIR VEHICLE	(01)	No care administered	ON-SCENE DURING TRANSPOR
			(02)	First aid	
			(03)	Resuscitation	ROAD VEHICLE
EMS Der	parture Time To		(04)	CPR	
	nt Facility (transporting unit)	ROAD VEHICLE	(05)	Emergency cardiac care	AIR VEHICLE
(9997)	EMS arrived, provided		(06)	Life support system monit	orina (blood pressure.
,,,,,	treatment, but did not	AIR VEHICLE	,,,,,	pulse rate, respiration, EK	
	transport		(07)	Emergency burn care	-,
(9998)	EMS arrived, but was		(08)	Combination of above, spe	ecify:
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	not used		(98)	Other, specify:	
	Unknown		(99)	Unknown	

TO BE CODED BY THE ZONE CENTER

			TDALIDAD DATA
	INJURY CONSEQUENCES		TRAUMA DATA
66.	Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day: 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown		71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
	1st Medically Reported Cause of Death 2nd Medically Reported Cause of Death	00	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units):
		<u>v</u>	(9) Unknown if blood given
69.	Grd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	<u>U</u> O	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
	(97) Other result (includes fatal ruled disease) (specify):		BELT USE DETERMINATION
			BEET OSE BETENWING HON
70	(99) Unknown Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	04	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

HS Form 433B (1/96)

U.S. Department of Transportation National Highway Traffic Safety

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

3. Vehicle Number

2. Case Number - Stratum

4. Occupant Number

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

				A.I.S 9	90	· ·	_		Injury		Occupant
	Source		Type of	Specific	11	A 1 C		1-1	Source	Direct/	Area
	of Injury	/ Body Region	Anatomic Structure	Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Confidence Level	Indirect Injury	Intrusion Number
		Negion /	311001016	Structure	,	36461114	Aspect	300,00	20401	1111017	Nomber
112.	at co	M	-	,							
1st	7 7	a 4	, 9	.04	9. <u>02</u>	10 /	11 / 1	, 1/2/	12 2	14 /	15 00
1 180	s. <u>U</u>	o	<i>'</i> · <u> </u>	6. <u>-</u> _	3. <u></u>	10	11	<u> </u>	13	· · ·	13. ——
1~0.	A al	12									
			G	4 7	/1 7	,	/	101	2	/	40
2nd	16. <u> </u>	17. <u>4</u>	18	19. <u>0</u>	20. <u>02</u>	21. 🖊	22./ 2	3. <u>/ / / _</u>	24.	25. <u>/</u>	26. <u>0</u> 0
1	0 1 -	A									
	hd con		_	1		,	,		_		
3rd	27.3	28. 5	29. 9	30.04	31. <u>02</u>	32. /	33.	4.10/	35. 2	36. /	37.00
l									_	_	
ul	d ale	N	_								
	2	- 5	G	12	42.02	/	/ .	- 101	2	/	. (10)
4th	38	39. <u>–</u>	40. —	41.00	42.00	43	44. / 4	s. <u>/ </u>	46	47	48.
						-					ŀ
											1
5th	49	50	51	52	53	54	55 5	6	57	58	59
											i
6th	60 .	61	62.	63.	64	65.	66. 6	7 .	6 8 .	69.	70.
"	· · ·	··· —		· — —		· · · —		· ·			
								_			
7th	71	72	73	74	75	76	77 7	78. <u> </u>	79	80	81
8th	82.	83.	84.	86	86	87	88 8	39 <u></u>	90	91	92
							_				
											İ
0.1	02	0.4	05	96.	97.	98.	99 1/	00.	101	102	เกร
9th	93	94	95	50.	<i>31</i>	^{36.} —	33 1	~·	. 101	102	· · · · · · · · · · · · · · · · · · ·
Ì											
10tl	n 104 1	05	106	107	108	109	110 11	11	112	113	114
1											
i i											

	•			occi	JPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th			_			_			_	_	
12th	 -										
13th		_	_			_	_				
14th		_									
15th	*****		_			_			_		
16th		_							_		
17th			_								
18th	_	_	_								
19th								<u> </u>			
20th	_	_				_	_	<u></u>			
21st	_								_	_	
22nd	_								_		<u></u> :
23rd								, 			
24th		_				<u> </u>			-	_	
25th			_			——			. —	_	

OCCUPANT INJURY CLASSIFICATION Aspect Specific Anatomic Level of Injury **Body Region** Structure Specific injuries are (1) Right (1) Head assigned consecutive (2)Left (2) **Face** Bilateral two-digit numbers (3)(3)Neck Vessels, Nerves, Organs. (4)Central Bones. Joints are assigned beginning with 02. (4)Thorax Anterior consecutive two digit (5) Abdomen (5)(6)**Posterior** Spine numbers beginning with To the extent possible, (6)within the organizational (7)Superior (7)**Upper Extremity** 02. framework of the AIS, 00 (8)Inferior (8) **Lower Extremity** (9) Unknown The exceptions to this rule is assigned to an injury Unspecified (9) (0)Whole region NFS as to severity or apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any (06) Skin - Laceration injury NFS as to lesion or Whole Area severity. (2)Vessels (08) Skin - Avulsion (10) Amputation (3) Nerves (20) Burn **Abbreviated Injury Scale** (4) Organs (includes Muscles/ligaments) (30) Crush (40) Degloving (1)Minor Injury (5) Skeletal (includes Injury - NFS (2) Moderate Injury (50)joints) (3) Serious Injury Head - LOC (90)Trauma, other than (6)Severe Injury (4)mechanical (9) Skin (5) Critical Injury (6) Maximum Head - LOC (untreatable) (02) Length of LOC (7)Injured, unknown severity (O4) Level (06) of (08) Consciousness (10) Concussion <u>Spine</u> Cervical (02) (04) Thoracic (06) Lumbar

DIRECT/INDIRECT INJURY **INJURY SOURCE** SOURCE OF INJURY DATA CONFIDENCE LEVEL OFFICIAL RECORDS Direct contact injury (1) (1) Autopsy records with or (1) Certain (2) Probable (2) Indirect contact injury without hospital/medical Noncontact injury (3) Possible (3) records Injured, unknown source (2) Hospital/medical records other (9) Unknown than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic **UNOFFICIAL RECORDS** (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

				SOUR	020		,
FRONT	T	(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
(001)	Windshield		armrest		object held		(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
(003)	Sunvisor	(104)	Right B-pillar		object in mouth		(specify):
(004)	Steering wheel rim	(105)	Other right pillar (specify):	(185)	Air bag compartment		
(005)	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTER	IOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	LE
(007)	Steering column,	(108)	Right side window sill		eyewear	(451)	Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and		outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		<u></u>
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth	EXTER	IOR OF OTHER MOTOR
	below	INTER		(190)	Other air bag (specify)	VEHIC	LE
(012)	Right instrument panel and	(151)	Seat, back support		T	(501)	Front bumper
	below		Belt restraint webbing/buckle	(195)	Other air bag compartment	(502)	Hood edge
	Glove compartment door	(153)	Belt restraint B-pillar or door		cover (specify)	(503)	Other front of vehicle
	Knee bolster		frame attachment point				(specify):
(015)	Windshield including one or	(154)	Other restraint system				
	more of the following: front		component (specify):	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,				Front header	(505)	Hood ornament
	instrument panel, mirror, or		Head restraint system		Rear header	(506)	Windshield, roof rail, A-pillar
	steering assembly (driver	(160)	Other occupants (specify):		Roof left side rail	(507)	Side surface
	side only)				Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or		Interior loose objects	(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(162)	Child safety seat (specify):				(specify):
	header, A (A1/A2)-pillar,			FLOOF	₹		
	instrument panel, or mirror	(163)	Other interior object	(251)	Floor (including toe pan)	(510)	Rear surface
	(passenger side only)		(specify):	(252)	Floor or console mounted	(511)	Undercarriage
(017)	Windshield reinforced by				transmission lever, including	(512)	Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other moto
(040)		AIR B	AG	(252)	Parking brake handle		
					-		vehicle (specify):
(013)	Other front object (specify):		Air bag-driver side		Foot controls including		vehicle (specify):
(019)	Other front object (specify):		Air bag-driver side and		-	(514)	Unknown exterior of other
		(171)	Air bag-driver side and eyewear	(254)	Foot controls including	(514)	
LEFT S	SIDE	(171)	Air bag-driver side and eyewear Air bag-driver side and	(254) REAR	Foot controls including parking brake	(514)	Unknown exterior of other
LEFT S	SIDE Left side interior surface,	(171) (172)	Air bag-driver side and eyewear Air bag-driver side and jeweiry	(254) REAR (301)	Foot controls including parking brake Backlight (rear window)		Unknown exterior of other
LEFT S	SIDE Left side interior surface, excluding hardware or	(171) (172)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object	(254) REAR (301)	Foot controls including parking brake	OTHE	Unknown exterior of other motor vehicle
LEFT S (051)	SIDE Left side interior surface, excluding hardware or armrests	(171) (172) (173)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held	(254) REAR (301)	Foot controls including parking brake Backlight (rear window)	OTHER	Unknown exterior of other motor vehicle
LEFT S (051)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or	(171) (172) (173)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object	(254) REAR (301) (302)	Foot controls including parking brake Backlight (rear window) Backlight storage rack,	OTHER THE EI (551)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT
LEFT \$ (051) (052)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest	(171) (172) (173)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held	(254) REAR (301) (302)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	OTHER THE EI (551)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground
LEFT \$ (051) (052)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or	(171) (172) (173) (174)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object	(254) REAR (301) (302)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	OTHER THE EI (551)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(051) (052) (053) (054)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(171) (172) (173) (174)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth	(254) REAR (301) (302) (303)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	OTHEF THE E (551) (598)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(051) (052) (053) (054)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar	(171) (172) (173) (174) (175)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment	(254) REAR (301) (302) (303)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING	OTHEF THE E (551) (598)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(051) (052) (053) (054)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(171) (172) (173) (174) (175)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side	(254) REAR (301) (302) (303) ADAP EQUIP	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING	OTHEF THE EI (551) (598)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(051) (052) (053) (054) (055)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(171) (172) (173) (174) (175)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIP	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT	OTHEF THE EI (551) (598) (599)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object
(051) (052) (053) (054) (055)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(171) (172) (173) (174) (175) (176)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and	(254) REAR (301) (302) (303) ADAP EQUIP (401)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for	OTHEF THE EI (551) (598) (599) NONC (601)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object
(052) (053) (054) (055) (056) (057)	SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(171) (172) (173) (174) (175) (176)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear	(254) REAR (301) (302) (303) ADAP EQUIP (401)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration	OTHER THE EI (551) (598) (599) NONC (601) (602)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame	(171) (172) (173) (174) (175) (176)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIP (401)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices	OTHER THE EI (551) (598) (599) NONC (601) (602)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill	(171) (172) (173) (174) (175) (176)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering	OTHER THE EI (551) (598) (599) NONC (601) (602)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass	(171) (172) (173) (174) (175) (176)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel)	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the	(171) (172) (173) (174) (175) (176) (177) (178)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify):
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window	(171) (172) (173) (174) (175) (176) (177) (178)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar,	(171) (172) (173) (174) (175) (176) (177) (178)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter)	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(171) (172) (173) (174) (175) (176) (177) (178)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter)	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(171) (172) (173) (174) (175) (176) (177) (178) (179)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406) (407)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(051) (052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(171) (172) (173) (174) (175) (176) (177) (178) (179)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406) (407)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side Air bag-passenger side and	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406) (407) (408)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts,	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059) (060)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406) (407) (408)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify): Additional or relocated	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059) (060)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181)	Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side and eyewear Air bag-passenger side and eyewear	(254) REAR (301) (302) (303) ADAP EQUIP (401) (402) (403) (405) (406) (407) (408)	Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify):	OTHER THE EI (551) (598) (599) NONC (601) (602) (603)	Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases

OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Restrained?

No

Yes

Blood Alcohol Level (mg/dl)

BAL = 297

O drugo Glasgow Coma

Scale Score
GCSS = 1

Units of Blood Given

Units =

Arterial Blood Gases

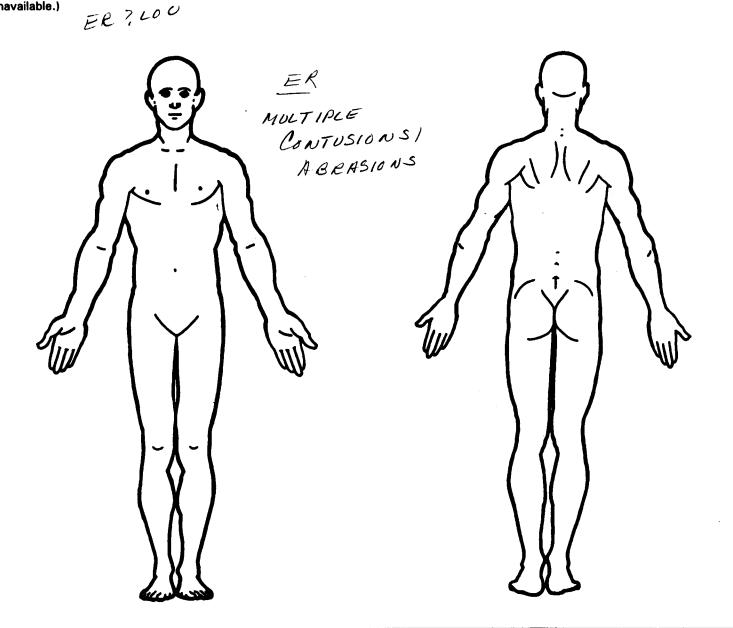
pH = ___

PO₂=

PCO₂

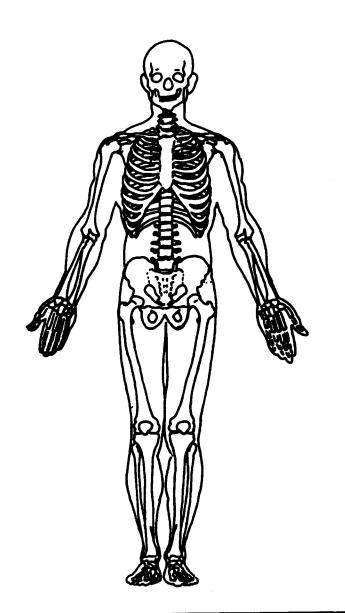
нсо₃ ⊥

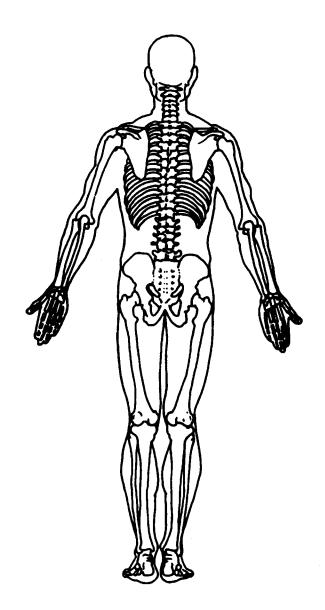
second



OFFICIAL INJURY DATA — SKELETAL INJURIES

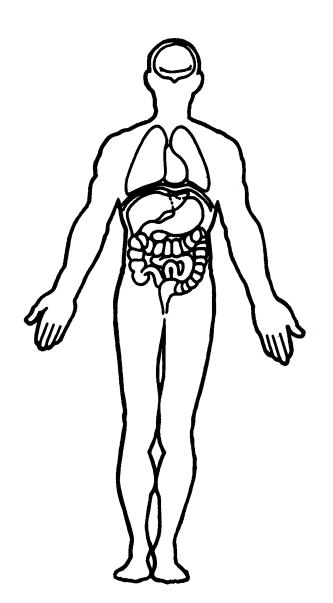
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

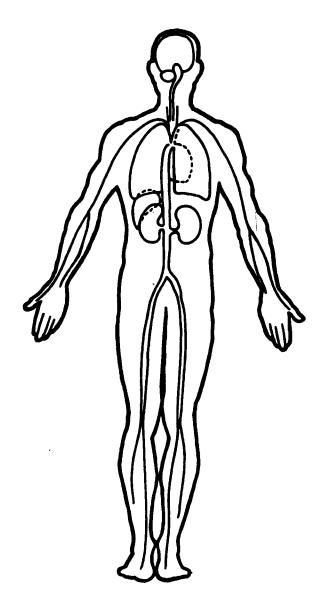




OFFICIAL INJURY DATA INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





UPDATE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

Admini:	stration					MASHWORTHIN	IESS DATA SYSTEM
	Primary Sampling Unit Number Case Number — Stratum	1 3	<u>41</u> 5 <u>É</u>	Driver o	r Occupant Name:		
3.	Vehicle Number		0/				
4.	Occupant Number		02	Other in	oformation:		
	**************************************			(Sa	anitize this section prio	r to Update s	ubmission.)
	S	TATUS C	OF OCCUP	ANT IN	FORMATION		
		INITIAL SUBMISSION	UPDATED INFORMATION			INITIAL SUBMISSION	UPDATED INFORMATION
OA	LOS. Date Official Medical Data Requested		196	OAL18.	Medical Facility Code	01	
OA	LO9. Date Official Medical Data Obtained		,96	GV14.	Alcohol Test Results For Driver	<u> 27</u>	
	L16. Injury Treatment Status	5		GV16.	Other Drug Specimen Test Type For Driver	<u>0</u>	
OA	L17. Injury Information			OA05.	Occupant's Age	32	
	ficial Autopsy (invasive examination)	<u> </u>		OA06.	Occupant's Sex	9	
b.	Post-ER medical record which	в			•	9 5 9	
	includes information about death based on non-invasive examination			OA07.	Occupant's Height	999	
c.	Admission record/summary or admission/discharge face sheet	<u>B</u> <u>O</u> <u>S</u>	201	OA08. OA61.	Occupant's Weight Treatment-Mortality		
d.	Discharge summary	В	seas	CASI.	•	**** 8	_
е.	Operative report	<u>B</u>		OA62.	Type of Medical Facili (for Initial Treatment)	ty <u></u>	
f.	Radiographic record(s) (X-ray, CT scan)	201	077	OA63.	Hospital Stay	95	
g.	History and physical examination and/or consultation records	<u>B</u>					
h.	Emergency room records (includes nurses' notes)	<u>808</u>	048				
j.	Private physician	<u>B</u>		!			
	Unofficial						
k.	Lay coroner	<u>B</u>					
ı.	EMS record	<u>B</u>	·———				
m.	Interviewee	<u>B</u>					
n.	Other source (specify):	<u>B</u>	<u>B</u>				
о.	Police report	<u>B</u>	₿				

atio	nal Accident Sampling System-Crashworthiness Da	ita Sy	ystem: General Vehicle Form V Ø 2	Page
	PRECRASH ENVIRONMENTAL DATA	25.	Roadway Surface Condition)
4.0	Relation To Interchange Or Junction 2	-0.	(1) Dry	
19.	Ticiation to interestange of contents		(2) Wet	
	(0) Non-interchange area and non-junction		(3) Snow or slush	
	(1) Interchange area related		(4) lce	
	Non-Interchange junctions		(5) Sand, dirt, or oil	
	(2) Intersection related		(8) Other (specify):	
	(3) Driveway, alley access related		(9) Unknown	
	(4) Other junction (specify)	1		
	(4) Other junction (opcomy)	26	. Light Conditions	3
	(5) Unknown type of junction	20.	(1) Daylight	<u> </u>
	(o) Chancin type of Jamesian		(2) Dark	
	(9) Unknown		(3) Dark, but lighted	
	,,,,	ŀ	(4) Dawn	
		1	(5) Dusk	
20.	Trafficway Flow		(9) Unknown	
	(0) Not physically divided (two way traffic)		, -, -,	
	(1) Divided trafficway-median strip without	1		
	positive barrier	27	. Atmospheric Conditions	0
	(2) Divided trafficway-median strip with positive		(0) No adverse atmospheric-related driving	
	barrier		conditions	
	(3) One way traffic	1	(1) Rain	
	(9) Unknown	İ	(2) Sleet/hail	
		1	(3) Snow	
	3	4	(4) Fog	
٦.	Number Of Travel Lanes		(5) Rain and fog	
	(1) One	1	(6) Sleet and fog	
	(2) Two		(7) Other (e.g., smog, smoke, blowing sand	or
	(3) Three		dust, etc.) (specify):	
	(4) Four		•	
	(5) Five		(9) Unknown	
	(6) Six (7) Seven or more	1		_
	(9) Unknown	28	. Traffic Control Device	<u>ු</u>
	(3) Olikilowii		(O) No traffic control(s)	
	1		(1) Traffic control signal (not RR crossing)	
22.	Roadway Alignment	1		
	(1) Straight	ł	Regulatory	
	(2) Curve right		(2) Stop sign	
	(3) Curve left		(3) Yield sign	
	(9) Unknown		(4) School zone sign	
		1	(5) Other regulatory sign (specify):	
3	Roadway Profile	ı		
	(1) Level		(6) Warning sign (not RR crossing)	
	(2) Uphill grade (>2%)		(7) Unknown sign	_
	(3) Hill crest		(8) Miscellaneous/other controls including R	R
	(4) Downhill grade (>2%)	1	controls (specify):	
	(5) Sag			
	(9) Unknown	1	(9) Unknown	
	10, 0.111101111			
			A. Toutto Company Device From 15 1	٥
4.	Roadway Surface Type 2	29	9. Traffic Control Device Functioning	
	(1) Concrete		(0) No traffic control device	
	(2) Bituminous (asphalt)		(1) Traffic control device not functioning	
	(3) Brick or block		(specify):	
	(4) Slag, gravel, or stone		(O) Troffic post-of device for sale-in-	ds e
	(5) Dirt	1	(2) Traffic control device functioning proper	ıy
	(8) Other (specify):		(9) Unknown	
	(9) Unknown	- 1		

National Accident Sampling System-Crashworthiness Data System: General Vehicle Form VØL **OCCUPANT RELATED** 44. Vehicle Cargo Weight Code weight to nearest 37. Driver Presence in Vehicle 10 kilograms. (0) Driver not present Less than 5 kilograms (000)(1) Driver present (454)4,536 kilograms or more (9) Unknown (999)Unknown 38. Number of Occupants This Vehicle Source: (00-96) Code actual number of occupants for this vehicle ROLLOVER DATA (97) 97 or more 00 (99) Unknown 45. Rollover (00) No rollover (no overturning) 39. Number of Occupant Forms Submitted Rollover (primarily about the longitudinal axis) **AIR BAG RELATED** Code the number of quarter turns Rollover, 17 or more quarter turns (17)0 40. Is this an AOPS Vehicle? (specify): No (includes unknown) Rollover--end-over-end (i.e., primarily (98)(0)Yes - researcher determined (1)about the lateral axis) VIN determined air bag system (99) (2)Rollover (overturn), details unknown VIN determined automatic (passive) belts (3)VIN determined air bag and automatic 46. Rollover Initiation Type (passive) belts (00) No rollover (01) Trip-over 0 41. Air Bag(s) Deployment, First Seat Frontal (O2) Flip-over Not equipped or not available (03) Turn-over (04) Climb-over (1) No air bags deployed (05) Fall-over Single Air Bag Vehicle (06) Bounce-over (2) Driver air bag deployed (07) Collision with another vehicle (3) Driver air bag, unknown if deployed (08) Other rollover initiation type specify): Multiple Air Bag Vehicle Driver side only deployed (98) Rollover--end-over-end Passenger side only deployed (5) (99) Unknown rollover initiation type Driver and passenger side deployed (6)D Driver and passenger side unknown if 47. Location of Rollover Initiation (O) No rollover Air bag(s) deployed, details unknown (1)On roadway (9) Unknown On shoulder-paved (2)(3) On shoulder—unpaved 0 42. Air Bag(s) Deployment, Other Than First On roadside or divided trafficway median (4) Seat Frontal (8) Rollover--end-over-end Not equipped with an "other" air bag (9) Unknown Deployed during accident (as a result of O impact) 48. Rollover Initiation Object Contacted Deployed inadvertently just prior to accident (Note: Applicable codes on back of page) (2)Deployed, details unknown (3) D Deployed as a result of a noncollision event 49. Location on Vehicle Where Initial Principal **Tripping Force Is Applied** during accident sequence (e.g., fire, explosion, electrical) (0) No rollover Unknown if deployed Wheels/tires (1)(2) (3) Nondeployed (7)Side plane (9) Unknown End plane (4)Undercarriage Specify type of "other" air bag present: _ (5) Other location on vehicle (specify): Non-contact rollover forces (specify): Rollover--end-over-end VEHICLE WEIGHT ITEMS (9) Unknown 0 50. Direction of Initial Roll 20 43. Vehicle Curb Weight No rollover (0) Roll right - primarily about the longitudinal Code weight to nearest 10 kilograms. (045) Less than 454 kilograms (2) Roll left - primarily about the longitudinal (612) 6,124 kilograms or more axis Rollover--end-over-end (999) Unknown (8)lbs X .4536 = 20 (9) Unknown roll direction

Source:

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall
Noncollision	(59) Building (60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
(34) Jackkille	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	(00) Other fixed object (specify).
	(69) Unknown fixed object
(42) Tree (> 10 cm in diameter)	(09) Olikilowii lixed object
(43) Shrubbery or bush	Callisian with Nantivad Object
(44) Embankment	Collision with Nonfixed Object
(AE) Decelement pole or post (any diameter)	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
N. J. J Dala Da-A	(71) Medium/heavy truck or bus not in-transpo
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post (> 10 cm but ≤ 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter)	(88) Other nonfixed object (specify):
(53) Pole or post (diameter unknown)	
	(89) Unknown nonfixed object
(54) Concrete traffic barrier	
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	
(specify):	(99) Unknown event or object

nt of Transportation
ay Traffic Safety

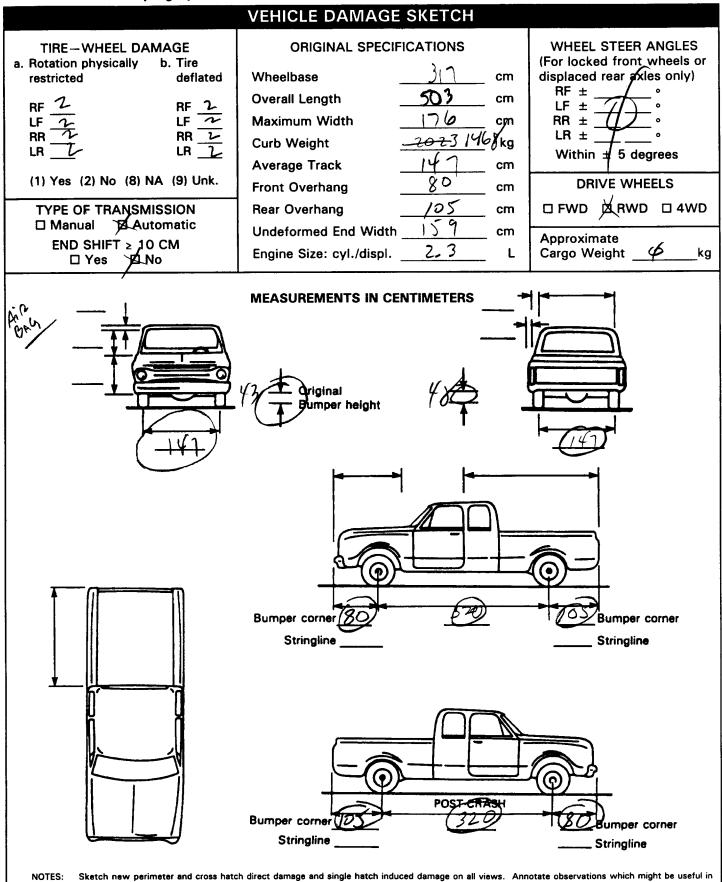
EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary	/ Sampling Unit Nu	mber	41	_ 3.	Vehicle	Numbe	r '			<u>0</u>	22
2. Case N	lumber - Stratum	1_	35E	_							
			VEHICLE II	DENITIE	ICATIO	N					
					ICATIO	JIV					
VIN / 1	FICR	1 4 A	8 T P					ı	Model Y	ear <u></u>	<u>4</u>
	ke (specify):		46	1	Vehicle	Model (s	specify):	e	سالما	ear 9	roos
			1.0	CATO	Đ.			, , , , , , , , , , , , , , , , , , , ,		XT	
Looste the	e end of the damag	e with resp				d cente	r point o	or bump	er corn	er for ei	nd
	an undamaged ax			J111010 0			. роше ч	J. Jun.,p			
Specific Impa	ct No. Location	of Direct Dama	ge		Location	of Field L	•	L	ocation o	f Max Cru	sh
		0-	000								
		KE	PARES	<u>v) </u>							
		0.011	OLL BBOE!		- NITIA	IETED.	^				
			SH PROFII					a b a va	h	- et eill	abaya
	dentify the plane a				taken (e.g., at	bumper	, above	bumpe	r, at sill,	above
	Measure C1 to C6	from driver to	n nassender	side in 1	front or	rear imi	nacts an	d rear to	o front.i	in side	
	mpacts.	ilom dilvor t	o passonger	oldo III			puoto ui.	,	· · · · · · · · · · · · · · · · · · ·		l
F	ree space value is	defined as t	he distance	betweer	the ba	seline a	nd the o	riginal t	ody co	ntour ta	ken at
t	he individual C loc side taper, etc. Re	ations. This	may include	the followers	owing: rement	bumper and ma	lead, bu	umper te crush.	aper, sic	de protru	ısion,
	Jse as many lines/				•						
Specific	Jse as many imes/		Damage	describ	S Gacil C	amage	prome.				
Impact Number	Plane of Impact C-Measurements	Width (CDC)	Max Crush	Field L	C ₁	C ₂	C ₃	C₄	C ₅	C ₆	±D
			. 0								
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PAINS	V	2410	B.					•
		1	1								
*	Cpe is lock	36	to answer	210	No	205	FOR H	5 10	ऽ <i>च्ट</i>	716	
	CRE Gar H										
											Ì Ì
)											
	1		T	1	1	1			T T		1

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	 -	inches	x	2.54	=	cm
Overall Length		inches	x	2.54	=	cm
Maximum Width		inches	x	2.54	=	cm
Curb Weight		pounds	x	.4536	=	, kg
Average Track		inches	x	2.54	=	cm
Front Overhang		inches	x	2.54	=	cm
Rear Overhang		inches	x	2.54	=	cm
Undeformed End Width	·_	inches	x	2.54	=	cm
Engine Size: cyl./displ.		СС	x	.001	=	L
		CID	x	.0164	=	L



reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

			CDC V	VORKSHEE	T			
		С	ODES FOR C	BJECT CON	TACTED			
(01-30)	- Vehicle Nur	mber		(57)	Fence			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				•	Wall			
Noncoll	ision			(59	Building			
• •		llover (excludes	end-over-en		Ditch or	culvert		Ì
	Rollover-end			•	Ground			
	Fire or explosi	on			Fire hydr	ant		
	Jackknife	t damage (specif	5.4) •	•) Curb) Bridge			
(35)	Other mitraum	t damage (specii	y).			ed object (s	necify):	
	Noncollision in Other noncolli		· · · · · · · · · · · · · · · · · · ·			n fixed obje		<u> </u>
(20)	Negalisian	- details unknow	4.00	Calliai	on with No	nfived Ohio	•	
(39)	Noncollision -	- details unknow	vn			nfixed Obje	cı truck, van, (or other
Collision	n With Fixed O	biect		(70		ot in-transp		or other
	Tree (≤ 10 cm			(71			or bus not	in-transport
	Tree (> 10 cr) Pedestria			
(43)	Shrubbery or I	bush) Cyclist o			
(44)	Embankment			(74) Other no	nmotorist o	r conveyand	e
(45)	Breakaway po	le or post (any o	liameter)) Vehicle o	occupant		
N1 b	-1	D4		•) Animal			
	akaway Pole or		n+n=1) Train	lisaannaata	d in transpor	
		≤ 10 cm in diame > 10 cm but ≤ 3					icle in-transpor	
(31)	diameter)	> 10 cm but 3 (o ciii iii				ct (specify):	
(52)		> 30 cm in dian	neter)	,00	,		or (opco),.	
		diameter unknov		(89) Unknow	n nonfixed	object	
	Concrete traff			(98) Other ev	ent (specify	/):	
	Other traffic b	parrier (includes		(99) Unknow	n event or o	bject	
			-				. •	
		DEFORMA	TION CLASS	IFICATION B	Y EVENT, NI (4)	UMBER (5)		
Accident	•	(1) (2)		40.	Specific	Specific	_ (6)	(=)
Event Sequence	e Object	Direction of Force	Incremental Value of	(3) Deformation	Longitudinal or Lateral	Vertical or Lateral	Type of Damage	(7) Deformation
Number		(degrees)	Shift	Location	Location	Location	Distribution	Extent
							25	
DI	01	000	00	E	9	9	95	99
				-			******	
								
								
			·					
								. ———
							-	

<u>.</u>		COLLISION	DEFORMA	TION CLAS	SIFICATIO	N	
HIGHEST [DELTA "V"						
Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
4.01	5. <u>0</u> <u>/</u>	6. 4 4	7×9	8. <u> </u>	9	109	11. <u>9</u> 9
Second High	ghest Delta "V	я					
12	13	14	15	16	17	18	19
	***************************************	CRUS	H PROFILE	IN CENTIM	ETERS		
	The crush pro in the appr	file for the dan opriate space	nage described below. (ALL M	in the CDC(s)	above should S ARE IN CEN	be documente NTIMETERS.)	ed
HIGHEST I	DELTA "V"						
20. L	21. C ₁		C ₃			C ₆	22.
±59°	delete						999
Second Hi	ghest Delta "V	711					
23. 	24. C ₁	C ₂	C ₃		C ₅	C ₆	25.
				<u> </u>		. <u> </u>	
(Coded	ormed End Widt d when highest is an end pland	severity e impact.)	159		al Wheelbase Code to the n		317
(998)	250 centimete No highest sev	earest centimeters or more verity end plane		, ,	650 centimet Unknowninches	x 2.54 =	centimeters
27. Direct (For hi		mpact) earest centimet	<u>999</u>	(185)	al Average Trac Code to the nearest centii 185 centimet Unknown	meter	147
1	250 centimete Unknown	ers or more		(999)		X 2.54 =	centimeters

			FUEL SYSTEM
but Aut (0) (1)	CDCs Documented Not Coded on The comated File? No Yes searcher's Assessment of Vehicle	0	35. Location of Fuel Tank-1 Filler Cap 36. Location of Fuel Tank-2 Filler Cap (0) No fuel tank (1) On back plane (2) Aft of center of the rear wheels (rear axle) on left side plane (3) Aft of center of the rear wheels (rear axle)
Dis (0) (1)	position Not towed due to vehicle damage Towed due to vehicle damage Unknown		on right side plane (4) Forward of center of the rear wheels (rear axle) on left side plane (5) Forward of center of the rear wheels (rear axle) on right side plane (6) Over the center of the rear wheels (rear axle) on left side plane
And (0)	This A Multi-Stage Manufactured Vehicle d/Or A Certified Altered Vehicle? No post manufacturer modifications Yes - post manufacturer modifications (specify):	<u>0</u>	(7) Over the center of the rear wheels (rear axle) on right side plane (8) Other (specify): (9) Unknown 37. Type of Fuel Tank-1 38. Type of Fuel Tank-2
	(Include photograph of CERTIFICATION PLACARD in case report) Unknown if vehicle is modified		(0) No fuel tank (electrical vehicle) (1) Metallic (2) Non-metallic (9) Unknown 39. Location of Fuel Tank-1
(0) Ye (1) (2) (9)	FIRE OCCURRENCE e Occurrence No fire s, fire occurred Minor Major Unknown	0	40. Location of Fuel Tank-2 (0) No fuel tank (1) Aft of center of the rear wheels (rear axle) centered (2) Aft of center of the rear wheels (rear axle) left side (3) Aft of center of the rear wheels (rear axle) right side (4) Forward of center of the rear wheels (rear axle) centered (5) Forward of center of the rear wheels (rear
(0) (1) (2) (3) (4) (5) (6) (7) (8)	igin of Fire) No fire) Vehicle exterior (front, side, back, top)) Exhaust system) Fuel tank (and other fuel retention system parts)) Engine compartment) Cargo/trunk compartment) Instrument panel) Passenger compartment area) Other location (specify):		axle) left side (6) Forward of center of the rear wheels (rear axle) right side (7) Over center of the rear wheels (rear axle) (8) Other (specify): (9) Unknown 41. Damage to Fuel Tank-1 42. Damage to Fuel Tank-2 (0) No fuel tank (1) No damage to fuel tank (2) Deformed, no seam failure (3) Deformed, with a seam failure (4) Punctured (5) Lacerated (ripped) (6) Abraded (scraped) (7) Filler neck separation from the fuel tank (8) Other damage (specify): (9) Unknown

43.	Leakage Location of Fuel System-1	1		nis Vehicle Equipped With More Than Fuel Tanks?	0
11	Leakage Location of Fuel System-2	0		No (one or two tanks only)	
	(0) No fuel tank		``'	, , , , , , , , , , , , , , , , , , ,	
	(1) No fuel leakage		Yes	- More Than Two Tanks	
	(1) NO Idel leakage			Yes no damage to any tank or filler	
	Driman, Aras Of Laskage		1 \'''	cap and no fuel system leakage	
	Primary Area Of Leakage		(2)		
	(2) Tank		\21	cap but there is fuel system leakage	
	(3) Filler neck		1	(specify leakage location):	
	(4) Cap		İ	(specify leakage location).	
	(5) Lines/pump/filter		(2)	Yes damage to an additional tank or	
	(6) Vent/emission recovery		(3)		
	(8) Other (specify):		ľ	filler cap and there is fuel system leakage	
	(9) Unknown		Į.	(specify the following):	
			1	Type of tank	
		Ω.		Tank location	-
45.	Fuel Type-1	01	1	Filler cap location	_
		_ ^	1 .	Tank damage	
46.	Fuel Type-2	00	1	Location of leakage	-
			İ	Type of fuelUnknown if more than two tanks	
	Single Fuel Type		(9)	Unknown if more than two tanks	
	(00) No fuel tank		İ		
	(O1) Gasoline				
	(O2) Diesel			•	
	(03) CNG (Compressed Natural Gas)			COMMENTS	
	(04) LPG (Liquid Petroleum Gas) also		i		
	known as Propane				
	(05) LNG (Liquid Natural Gas)				
	(06) Methanol (M100 or M85)		1		
	(07) Ethanol (E100 or E85)			N	
	(08) Other (Hydrogen or others) (specify):	•	ļ		
	(00) Other (nyurogen or others) (specify).			Rock Line	
			1	La land	
	Electric Powered or Electric/Solar			1 18,	
			1	_	
	Powered Vehicles				
	(10) Lead Acid Battery				
	(11) Nickel-Iron Battery				
	(12) Nickel-Cadmium Battery				
	(13) Sodium Metal Chloride Battery				
	(14) Sodium Sulfur Battery		}		
	(18) Other (Specify):		ļ		
			1		
	(98) Other Hybrid (specify):				
	(99) Unknown fuel type				
]		
ł					
l					-

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

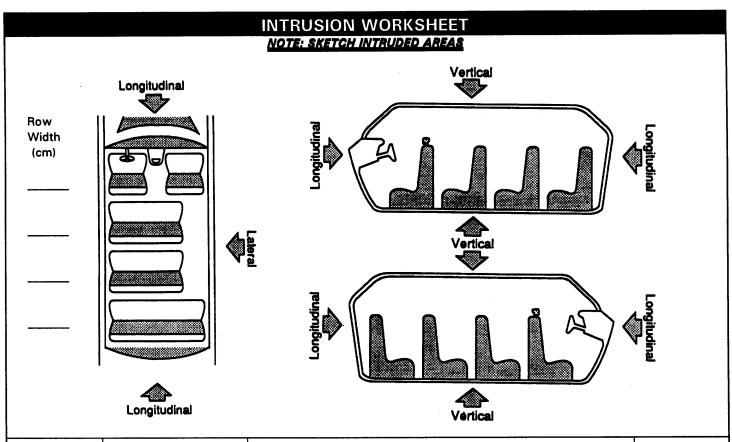
(GV10=0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

dministration	CRASHWORTHINESS DATA SYST
1 Primary Canadia - Hale North and	GLAZING
1. Primary Sampling Unit Number	Type of Window/Windshield Glazing
2. Case Number - Stratum 135 E	15. WS 16. LF 4 17. RF 4 18. LR 19. RR 4
3. Vehicle Number	20. BL 4 21. Roof 0 22. Other 0
INTEGRITY	(0) No glazing
4. Passenger Compartment Integrity (00) No integrity loss Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door) (04) Roof (05) Roof glass (06) Side window (07) Rear window (backlight) (08) Roof and roof glass (09) Windshield and door (side) (10) Windshield and roof (11) Side and rear window (side window and backlight) (12) Windshield and side window (13) Door and side window (98) Other combination of above (specify):	(1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify): (9) Unknown Window Precrash Glazing Status 23. WS
Door, Tailgate or Hatch Opening	Glazing Damage from Impact Forces
5. LF <u> 6. RF 7. LR 8. RR O</u> 9. TG/H <u>0</u>	31. WS <u>/</u> 32. LF <u>/</u> 33. RF <u>/</u> 34. LR <u>/</u> 35. RR <u>/</u>
(0) No door/gate/hatch (1) Door/gate/hatch remained closed and operational (2) Door/gate/hatch came open during collision (3) Door/gate/hatch jammed shut (8) Other (specify): (9) Unknown	36. BL 37. Roof 38. Other (0) No glazing (1) No glazing damage from impact forces (2) Glazing in place and cracked from impact forces (3) Glazing in place and holed from impact forces (4) Glazing out-of-place (cracked or not) and not holed from impact forces (5) Glazing out-of-place and holed from impact forces
Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø	(6) Glazing disintegrated from impact forces(7) Glazing removed prior to accident(9) Unknown if damaged
10. LF <u>0</u> 11. RF <u>0</u> 12. LR <u>0</u> 13. RR <u>0</u> 14. TG/H <u>0</u>	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened	39. WS <u> </u>
Door, Tailgate or Hatch Came Open During Collision (1) Door operational (no damage) (2) Latch/striker failure due to damage (3) Hinge failure due to damage (4) Door structure failure due to damage (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage (6) Latch/striker and hinge failure due to damage (8) Other failure (specify):	(0) No glazing (1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage (3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by occupant contact (7) Glazing removed prior to accident (8) Glazing disintegrated by occupant (9) Unknown if contacted by occupant



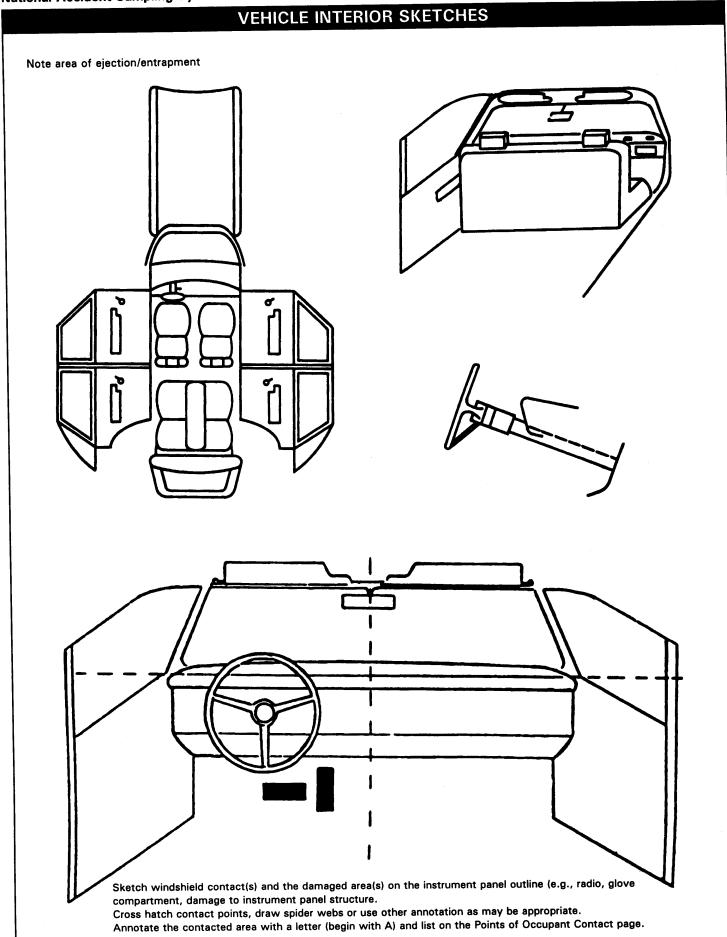
LOCATION OF INTRUSION	INTRUDED COMPONENT	(All Meas COMPARISON VALUE —	surements Are In Centimeters) INTRUDED VALUE =	INTRUSION	DOMINANT CRUSH DIRECTION
		_	=		
		_	. =		
		_	=		
		_	=		
		_	=		
		_	=		
		_	=		
		_	=		
		_	=		
		_	_		
		_	=		
		_	=		
		_	=		
		_	=		
			=		

OCCUPANT AREA INTRUSION INTRUDING COMPONENT Note: If no intrusions, leave variables IV47-IV86 blank. Interior Components Dominant (01) Steering assembly Magnitude Crush Intruding Location of (02) Instrument panel left Direction of Intrusion Component Intrusion (03) instrument panel center (04) Instrument panel right (05) Toe pan 1st 47.___ 48.__ 49.__ 50. (06) A (A1/A2)-pillar (07) B-pillar (08) C-pillar 2nd 51.___ 52.__ 53._ (09) D-pillar (10) Side panel - forward of the A1/A2-pillar (11) Door panel (side) (12) Side panel - rear of the B-pillar 3rd 55.___ __ 56.___ 57._ (13) Roof (or convertible top) (14) Roof side rail (15) Windshield (16) Windshield header 6**1**. 4th 59.____ 60.__ (17) Window frame (18) Floor pan (includes sill) (19) Backlight header (20) Front seat back **_** 65. 5th 63. 64. (21) Second seat back (22) Third seat back (23) Fourth seat back (24) Fifth seat back 6th 67.___ 68. 69. (25) Seat cushion (26) Back door/panel (e.g., tailgate) (27) Other interior component (specify): 73. **Exterior Components** (30) Hood (31) Outside surface of this vehicle (specify): 76.___ 77. 78. (32) Other exterior object in the environment (specify): (33) Unknown exterior object 80. 81.___ 82.___ 79. (97) Catastrophic (98) Intrusion of unlisted component(s) (specify): 84.____ 85._ 86. (99) Unknown 10th 83. LOCATION OF INTRUSION MAGNITUDE OF INTRUSION (1) ≥ 3 centimeters but < 8 centimeters Fourth Seat (2) ≥ 8 centimeters but < 15 centimeters Front Seat (41) Left (3) ≥ 15 centimeters but < 30 centimeters (11) Left (42) Middle (12) Middle (4) 2 30 centimeters but < 46 centimeters (43) Right (13) Right (5) ≥ 46 centimeters but < 61 centimeters (6) ≥ 61 centimeters (97) Catastrophic Second Seat (7) Catastrophic (98) Other enclosed (21) Left (9) Unknown area (specify) (22) Middle (23) Right (99) Unknown DOMINANT CRUSH DIRECTION Third Seat (1) Vertical (31) Left (2) Longitudinal (32) Middle (3) Lateral (33) Right (7) Catastrophic

(9) Unknown

ST	EERING	RIM/SPOKE DEFO	RMATIO	N
(All Measurements Are in Centimeters)				
COMPARISON VALUE	_	DAMAGE VALUE	=	DEFORMATION
			=	
	_		=	
			=	
	_		=	

	STEERING COLUMN		INSTRUMENT PANEL	
		1	92. Odometer Reading <u>0 3 8</u>	_,000
37.	Steering Column Type			
	1) Fixed column	ļ	kilometers	
	(2) Tilt column		Code to the nearest 1,000 kilometers	
	(3) Telescoping column		(000) No odometer	
	(4) Tilt and telescoping column		(001) Less than 1,500 kilometers	
	(8) Other column type (specify):		(500) 499,500 kilometers or more	
	(9) Unknown		(999) Unknown 23.552 miles × 1.6093 = 379.03 k	ilometers
		•	Source:	
38.	Tilt Steering Column Adjustment	<u>o</u>		
	(0) No tilt steering column		93. Instrument Panel Damage from	D
	(1) Full up		Occupant Contact?	
	(2) Between full up and center		(O) No	
	(3) Center		(1) Yes	
	(4) Between center and full down		(9) Unknown	
	(5) Full down			2
	(9) Unknown		94. Type of Knee Bolster Covering	
	10) 0111111011111		(0) No knee bolster	
			(1) Padded	
00	Telescoping Steering Column Adjustment	O	(2) Rigid plastic	
J	(0) No telescoping steering column		(8) Other (specify):	
	(1) Full back		(9) Unknown	
	(2) Between full back and midpoint		(0,	
			95. Knee Bolsters Deformed from	
	(3) Midpoint (4) Between midpoint and full forward		Occupant Contact?	
			(O) No knee bolster	
	(5) Full forward		(1) No deformation	
	(9) Unknown		(2) Yes - deformation	
			(9) Unknown	
	a i Di (Ocala Deformation	00		
90	Steering Rim/Spoke Deformation Code actual measured		96. Did Glove Compartment Door Open	ã
	deformation to the nearest centimeter		During Collision(s)?	<u>ت</u>
	detormation to the hearest certainer		(O) No glove compartment door	
	(00) No steering rim deformation (01-14) Actual measured value in centim	eters	(1) No - door did not open	
	(15) 15 centimeters or more	0.0.0	(2) Yes - door opened	
	(98) Observed deformation cannot be m	easured	(9) Unknown	
	(98) Upserved deformation carmot be in	0000.00		4
	(99) Unknown		97. Adaptive (Assistive) Driving Equipment	
		_	(0) No adaptive driving equipment	
01	. Location of Steering Rim/Spoke	OD	(1) Adaptive driving equipment installed	
ا ج	Deformation		(Check all that apply.)	or
	(00) No steering rim deformation		[] Hand controls for braking/accelerati	
	(OO) 140 Stooming him determination		[] Steering control devices (attached t	ט טבי
	Quarter Sections		steering wheel	- مارور - مارور
	(01) Section A		[] Steering knob attached to steering	wnee
	(02) Section B		[] Low effort power steering (unit or o	Jevice
	(02) Section B		[] Replacement steering wheel (i.e., re	eauce
	(04) Section D	Upper	diameter)	
	(U4) Section D	Lower	[] Joy-stick steering controls	
	Half Sections		[] Wheelchair tie-downs	
	(05) Upper half of rim/spoke		[] Modification to seat belts (specify)	•
	(06) Lower half of rim/spoke	LR		
	(07) Left half of rim/spoke		[] Additional or relocated switches (s	hecity
	(08) Right half of rim/spoke	【 ilk 丿		_
	(00) Hight han of himspone		[] Raised roof	nd
	(09) Complete steering wheel collapse		[] Wall-mounted head rest (used behi	HU
1	140) He determined leastion		wheelchair)	
	(10) Undetermined location			
	(10) Undetermined location		[] Other adaptive device (specify):	
	(99) Unknown		[] Other adaptive device (specify):	_



		POI	NTS OF OCC	UPANT CONTACT		
Contact	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical E	vidence	Confidence Level of Contact Point
A	00					
В						
C						
D						•
E			 			
F						
G						
Н						
1						
J						
K						
L						
М				-		
N						
(006) Steering of codes (007) Steering column,t lever, oth (008) Cellular t radio (009) Add on e tapedeck (010) Left instrubelow (011) Center in below (012) Right ins below (013) Glove co (014) Knee bol (015) Windshie more of header, instrume steering side only (016) Windshie more of header, instrume (passeng (017) Windshie exterior	wheel rim wheel hub/spoke wheel (combination 004 and 005) ransmission selector rer attachment elephone or CB requipment(e.g., r, air conditioner) rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rument panel and rumpartment door ster eld including one or the following: front A (A1/A2)-pillar, int panel, mirror, or assembly (driver	LEFT SIDE (051) Left	side interior surface, uding hardware or ests side hardware or est A (A1/A2)-pillar B-pillar er left pillar (specify): side window glass side window side window sill side window glass iding one or more of the wing: frame, window A (A1/A2)-pillar, B-pillar, sof side rail. er left side object cify): E tt side interior surface, uding hardware or rests it side hardware or rest it A (A1/A2)-pillar	AIR BAG (170) Air bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify) ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof roonvertible top	REAR (301) Backlight (rea (302) Backlight stor door, etc. (303) Other rear obj ADAPTIVE (ASSISTI EQUIPMENT (401) Hand controls braking/accele (402) Steering cont (attached to (wheel)) (403) Steering knot steering whee (405) Replacement (i.e., reduced (406) Joy stick stee (407) Wheelchair ti (408) Modification (specify): (409) Additional or switches, (sp (410) Raised roof (411) Wall mountee (used behind (412) Other adaptiv (specify): CONFIDENCE LEVE POINT (1) Certain (2) Probable (3) Possible (9) Unknown	age rack, lect (specify): VE) DRIVING Is for lect devices DEM steering Is attached to lect the steering wheel diameter) lect of seat belts, relocated lectify): In the device the steering wheel lectify is lectify is lectify in the steering wheel lectify is lectify in the steering wheel lectify is lectify in the steering wheel lectify is lectify in the steering wheel lectify is lectify in the steering wheel lectify is lectify in the steering wheel lectify in the steering wheel lectify is lectify in the steering wheel lectify in the steering wheel lectify in the steering wheel lectify is lectify in the steering wheel lectify in the steering wheel lectify is lectify in the steering wheel lectify in the steering wheel lectify in the steering wheel lectify is lectify in the steering wheel lectify in the steering wheel lectify in the steering wheel lectify is lectify in the steering wheel lectify

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a child safety seat is present, encode the data on the back of this page 11.

If the control has a constraint and the constraints are likely and the convention data on page 6

	If the vehicle has automatic res			Diaha
		Left	Center	Right
	A-Availability	Ц		- X
F	B-Evidence of usage	07.		0 9
I R	C-Used in this crash?	04		00
Š	D-Proper Use			0
Т	E-Failure Modes	`\		٥
	F-Anchorage Adjustment	2		2
	A-Availability			
S	B-Evidence of usage			
SECO	C-Used in this crash?			
ŏ	D-Proper Use			
Ň	E-Failure Modes			
	F-Anchorage Adjustment			
	A-Availability			1/
0	B-Evidence of usage			
Ť	C-Used in this crash?			
H	D-Proper Use		/	
R	E-Failure Modes	/	/	
• •			.	

A-Manual (Active) Belt System Availability

F-Anchorage Adjustment

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

B/C-Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify):
- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used type unknown
- (08) Other belt used (specify):
- (12) Shoulder belt used with child safety
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

D-Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of manual belt system (specify):
- (9) Unknown

Accident

E-Manual (Active) Belt Failure Modes During

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other manual belt failure (specify):
- (9) Unknown

F-Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		AIII DAGG		
		Frontal Air BagsLeft Front	Frontal Air Bags-Right Front	OtherAir Bag
F I R	Availability/Function		0	2
	Deployment		0	0
S T	Failure		0	0

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

		AUTOMATIC BELTS	^
		Left	Right
	A-Availability/Function		
F	B-Use		
R	C-Type		
S	D-Proper Use		
	E-Failure Modes		·

A-Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

B-Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

C-Automatic (Passive) Belt System Type

- (O) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

D-Proper Use of Automatic (Passive) Belt System

- (O) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or

automatic shoulder belt used improperly with child safety seat (specify):

- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

E-Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- 6) Broken retractor
- (7) Combination of above (specify):
- (8) Other automatic belt failure (specify):
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data *for the driver and first seat passenger* in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
A-Type of air bag?		0
B-Flaps open at tear points?	9	0
C-Flaps damaged?	9	0
D-Air bag damaged?	9	0
E-Source of air bag damage	9	0
F-Air bag tethered?	9	0
G-Air bag have vent ports?	9	- O
H-Other occupant contact air bag?	1	Q
I-Occupant wearing eyewear?		\mathcal{O}

A-Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

B-Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

C-Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

D-Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

E-Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

F-Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- 3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

G-Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

H-Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

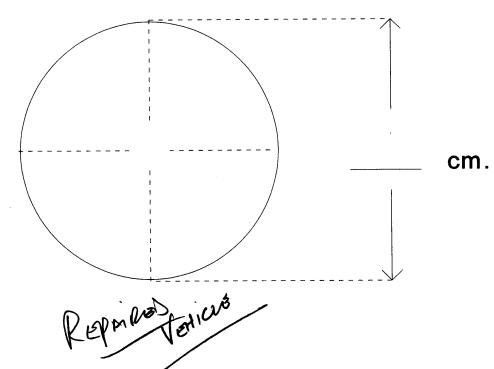
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

I-Was This Occupant Wearing Eye-wear?

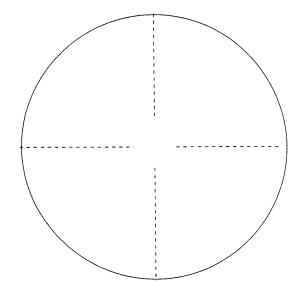
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



DRIVER AIR BAG SKETCHES (Cont'd) 4. DRIVER AIR BAG MODULE COVER FLAP SIZE 3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) (SINGLE) a. Upper Flap b. Lower Flap width (W_U) _____ width (W_L) _____ width (W_U) _____ width (W_L) _____ height (H) height (H_U) _____ height (H_L) _____ – W, – H, 5. SKETCH OF OTHER TYPE OF AIR BAG MODULE 6. SKETCH OF OTHER TYPE OF AIR BAG VENT **PORTS** FLAP AND SIZE 7. SKETCH LOCATION OF CIRCULAR AIR BAG VENT **PORTS**

National Accident Sampling System-Crashworthiness Data System: Interior Vehicle Form Page 8 PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES 1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front) cm. 2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)

PASSENGER AIR BAG	S SKETCHES (Cont'd)
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) width (W) height (H) H	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap width (Wu) width (WL) height (Hu) height (HL) Hu Wu Hu Hu Hu Hu Hu Hu Hu Hu
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS 10 11 12 1 2 9 3 8 7 6 5 4	

"OTHER" AIR BAG DAMAGE AND CONTACT SKETCHES
1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)

"OTHER" AIR BAG SKETCHES (Cont'd)	
3. SKETCH AIR BAG MODULE FLAP AND SIZE OR OPENING FOR AIRBAG	
	·
4. SKETCH AIR BAG VENT PORTS	

.

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found on the next page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
F-RST	A-Head Restraint Type/Damage			1
	B-Seat Type	02		02
	C-Seat Orientation	1		
	D-Seat Track Position	`V		4
	E-Seat Back Incline Pre/Post Impact	24		23
	F-Seat Performance	·		
SECO	A-Head Restraint Type/Damage		1	
	B-Seat Type			
	C-Seat Orientation			
	D-Seat Track Position			
N D	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance			
Т Н.	A-Head Restraint Type/Damage			
	B-Seat Type			
	C-Seat Orientation			
R	D-Seat Track Position			
D	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance			
O T H E R	A-Head Restraint Type/Damage			
	B-Seat Type			
	C-Seat Orientation			
	D-Seat Track Position			,
	E-Seat Back Incline Pre/Post Impact			
	F-Seat Performance			

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

(I.E., UNUSUAL OCCUPANT

CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION

A-Head Restraint Type/Damage by E-Seat Back Incline Prior and Post Occupant at This Occupant Position Impact (0) No head restraints (00) Occupant not seated or no seat (1) Integral — no damage(2) Integral — damaged during (01) Not adjustable Upright prior to impact accident (11) Moved to completely rearward (3) Adjustable — no damage(4) Adjustable — damaged during position 15 13 (12)Moved to rearward midrange 12 accident position (5) Add-on — no damage Moved to slightly rearward (13)(6) Add-on — damaged during position accident Retained pre-impact position (14)(8) Other (15)Moved to slightly forward Specify): position (9) Unknown (16)Moved to forward midrange position Moved to completely forward (17)position **B-Seat Type (this Occupant** Position) Slightly reclined prior to impact (00) Occupant not seated or no 25 (21) Moved to completely rearward seat 26 22 position (01) Bucket (22)Moved to rearward midrange (02) Bucket with folding back 21 position (03) Bench (23)Retained pre-impact postion (04) Bench with separate back (24) Moved to upright position cushions (25)Moved to slightly forward (05) Bench with folding back(s) position (06) Split bench with separate back (26)Moved to forward midrange cushions position (07) Split bench with folding Moved to completely forward back(s) position (08) Pedestal (i.e., column supported) Completely reclined prior to impact (09) Box mounted seat (i.e., van Retained pre-impact position (31) type) 35 ³⁴ 33 Moved to rearward midrange (32) (10) Other seat type (specify): position 36 (33)Moved to slightly rearward (99) Unknown position 37 (34)Moved to upright position Moved to slightly forward (35)position C-Seat Orientation (this Occupant (36)Moved to forward midrange Position) position (0) Occupant not seated or no (37)Moved to completely forward seat position Forward facing seat (1)(2)Rear facing seat Coding diagrams for Seat Back Incline (99) Unknown Side facing seat (inward) (3)Position Prior and Post Impact (4)Side facing seat (outward) (8) Other (specify): F-Seat Performance (this Occupant (9) Unknown Position) (0)Occupant not seated or no seat No seat performance failure(s) (1)Seat adjusters failed (2)**D-Seat Track Adjusted Position Prior** (3) Seat back folding locks or "seat To Impact back" failed (specify): DESCRIBE ANY INDICATION OF (0)Occupant not seated or no Seat tracks/anchors failed (1) Non-adjustable seat track (5)Deformed by impact of occupant **ABNORMAL OCCUPANT POSTURE** (6)Deformed by passenger Adjustable Seat Track compartment intrusion Seat at forward most track (2)

most track positions (6)Seat at rear most track

position

(3)

(4)

(5)

(specify):

Unknown

Other (specify):

Combination of above (specify):

(7)

(8)

(9)

position

Seat between forward most and middle track positions

Seat at middle track position

Seat between middle and rear

(9)Unknown

	OLULD CAFETY	V OF A T FU		CCMENT				
Whe	en a child safety seat is present enter the occupant's number using the codes listed	ccupant's nun	nber in the fi	rst row and co	omplete the co	lumn below at present.		
Occ	cupant Number							
	Type of Child Safety Seat			/				
	Child Safety Seat Orientation					·		
	Child Safety Seat Harness Usage							
	Child Safety Seat Shield Usage							
	Child Safety Seat Tether Usage							
6.	Child Safety Seat Make/Model	Specify Below for Each Child Safety Seat						
	Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify) (8) Unknown child safety seat type (9) Unknown if child safety seat used Child Safety Seat Orientation (00) No child safety seat	/	3. Child Safety Seat Harness Usage 4. Child Safety Seat Shield Usage 5. Child Safety Seat Tether Usage Note: Options Below Are Used for Variables (00) No child safety seat Not Designed with Harness/Shield/Tether (01) After market harness/shield/tether added, not used (02) After market harness/shield/tether used					
	Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing		(03) Child safety seat used, but no after marke harness/shield/tether added (09) Unknown if harness/shield/tether added or used Designed With Harness/Shield/Tether (11) Harness/shield/tether not used (12) Harness/shield/tether used (19) Unknown if harness/shield/tether used Unknown If Designed With Harness/Shield/Teth (21) Harness/shield/tether not used (22) Harness/shield/tether used (29) Unknown if harness/shield/tether used (99) Unknown if child safety seat used 6. Child Safety Seat Make/Model (Specify make/model and occupant number)					
	(22) Forward facing (28) Other orientation (specify):							
	(29) Unknown orientation							
	(99) Unknown if child safety seat used					:		

scribe indications of ejection ar] nd body parts in	volved in partial e	jection(s)	:			
Occupant Number							
Ejection							
(Note on Vehicle Interior Sketch) Ejection Area							
Ejection Medium							
Medium Status							
ection (1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown ection Area (1) Windshield (2) Left front (3) Right front (4) Left rear	(8) Othe picks (9) Unkr Ejection M (1) Door (2) None (3) Fixed	(7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown Ejection Medium (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify):			(5) Integral structure (8) Other medium (specify): (9) Unknown Medium Status (Immediately Prito Impact) (1) Open (2) Closed (3) Integral structure (9) Unknown		
(5) Right rear (6) Rear ■ ■ No [√]	/es[]				····		
escribe entrapment mechanism:							

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1 T. T. W. J. W. J.	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	10. Occupant's Seat Position
2. Case Number - Stratum 135 E	Front Seat
3. Vehicle Number <u>0</u> 2	(11) Left side (12) Middle
4. Occupant NumberO/_	(13) Right side
OCCUPANT'S CHARACTERISTICS	(14) Other (specify):
OCCUPANT 3 CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (OO) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown 60.9 inches X 2.54 = 15/1. Centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999) Unknown LOD pounds X .4536 = 72.5 kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

	EJEC ⁻	TION/E	NTRAPMENT
	Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited
	(1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown		(1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or not oriented to time or place
14	. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown	0	 (2) Removed from vehicle due to perceived serious injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (8) Removed from vehicle for other reasons (specify): (9) Unknown

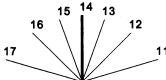
BELT SYSTE	VI FUNCTION
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown	22. Manual Shoulder Belt Upper Anchorage Adjustment (0) No manual shoulder belt (1) No upper anchorage adjustment for manual shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position
Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify):	 (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment
(9) Unknown 19. Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed (01) Inoperative (specify):	23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown
(O2) Shoulder belt (O3) Lap belt (O4) Lap and shoulder belt	Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown
(05) Belt used—type unknown (08) Other belt used (specify): (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child	24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually
safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify):	disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown
(99) Unknown if belt used 20. Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly	25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (9) Unknown
(2) Belt used properly with child safety seat Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat	26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat
 (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): 	Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than
(8) Other improper use of manual belt system (specify): (9) Unknown	one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or
21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available	automatic shoulder belt used improperly with child safety seat (specify):
 (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate 	(8) Other improper use of automatic belt system (specify): (9) Unknown
(4) Upper anchorage separated (5) Other anchorage separated (specify):	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s)
(6) Broken retractor(7) Combination of above (specify):(8) Other manual belt failure (specify):	 (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):
(9) Unknown	(6) Broken retractor(7) Combination of above (specify):(8) Other automatic belt failure (specify):
	(9) Unknown

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

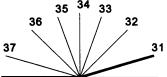
	FIRST SEAT FRONTAL AIR E	SAG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of Delta V For Air Bag Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37.	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged
38.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(7) Not deployed (8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39.	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATION
44. Source of Air Bag Damage (00) Not equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify): (9) Unknown 50. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back
(97) Not deployed (98) Unknown if deployed (99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps):	(03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s) (06) Split bench with separate back cushions (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify):
(3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports):	(99) Unknown 51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat (1) Forward facing seat (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify):
(3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown if deployed (9) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact	(9) Unknown 52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat (1) Non-adjustable seat track Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track
to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown 48. Was This Occupant Wearing Eye-wear? (0) Not air bag equipped/air bag not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown	positions (6) Seat at rear most track position (9) Unknown

	HEAD RESTRAINT AND	SEAT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact 2 3 (00) Occupant not seated or no seat (01) Not adjustable	_
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
54.	Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify): (7) Combination of above (specify): (8) Other (specify): (9) Unknown	_
	(9) Unknown	







		HILD	SAI	FETY SEAT
55.	Child Safety Seat Make/Model (000) No child safety seat	0	<u>ə</u>	58. Child Safety Seat Harness Usage
	Applicable codes are found in your NASS Data Collection, Coding and Editing (950) Built-in child safety seat	CDS		59. Child Safety Seat Shield Usage
	(997) Other make/model (specify): (998) Unknown make/model	-		60. Child Safety Seat Tether Usage
	(999) Unknown if child safety seat used			Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat
56.	Type of Child Safety Seat		0	(00, 110 011110 011110)
	(O) No child safety seat			Not Designed With Harness/Shield/Tether
	(1) Infant seat			(01) After market harness/shield/tether
	(2) Toddler seat			added, not used
	(3) Convertible seat (4) Booster seat - with shield			(02) After market harness/shield/tether used (03) Child safety seat used, but no after market
ļ	(5) Booster seat - with shield			harness/shield/tether added
	(7) Other type child safety seat (specify)):		(09) Unknown if harness/shield/tether
	· · · · · · · · · · · · · · · · · · ·	, -		added or used
	(8) Unknown child safety seat type	•		
	(9) Unknown if child safety seat used			Designed With Harness/Shield/Tether
				(11) Harness/shield/tether not used
E7	Child Safatu Saat Orientation	O	9	(12) Harness/shield/tether used
57.	Child Safety Seat Orientation (00) No child safety seat			(19) Unknown if harness/shield/tether used
	(00) No clind safety seat			Unknown If Designed With Harness/Shield/Tether
	Designed for Rear Facing for This Age/W	/eight		(21) Harness/shield/tether not used
l	(01) Rear facing			(22) Harness/shield/tether used
	(02) Forward facing			(29) Unknown if harness/shield/tether used
1	(08) Other orientation (specify):			
	(09) Unknown orientation			(99) Unknown if child safety seat used
	Designed For Forward Facing for This Ag	re/We	ight	
	(11) Rear facing	, -,		
	(12) Forward facing			
	(18) Other orientation (specify):			
	(19) Unknown orientation			
	Unknown Design or Orientation For This			
	Age/Weight, or Unknown Age/Weight			
	(21) Rear facing .			
	(22) Forward facing			
	(28) Other orientation (specify):			
	(29) Unknown orientation			
	(99) Unknown if child safety seat used			

INJURY CONSEQUENC	ES					
Injury Severity (Police Rating)	1	62 T	Of Madical Facility (fo			0
			e Of Medical Facility (fo Not treated at a medical		(ment)	
(0) O - No injury				тасшту		
(1) C - Possible injury			Frauma center			
(2) B - Nonincapacitating injury			Hospital			
(3) A - Incapacitating injury			Medical clinic			
(4) K - Killed			Physician's office			
(5) U - Injury, severity unknown			reatment later at medic	cal facility		
(6) Died prior to accident		(8)	Other (specify):			
(9) Unknown		/0\ .			_	
_	٥	(9)	JNKNOWN			
Treatment - Mortality	_0	64. Hosi	oital Stay		0	0
(0) No treatment			Not Hospitalized			
(1) Fatal		'`''	Code the number of da	evs (up throi	iah 60))
(2) Fatal - ruled disease (specify):		that	the occupant stayed in		igii oo	''
WHAT I I I I I I I I I I I I I I I I I I I			61 days or more	nospitai.		
			Unknown			
Nonfatal		(55)	Ottkilovati			
(3) Hospitalization		65. Wor	king Days Lost		0	O
(4) Transported and released			Code the number of da	ivs		
(5) Treatment at scene - nontranspo	orted	(up 1	hrough 60) that the occ			
(6) Treatment later			from work due to the a			
(7) Treatment - other (specify):			No working days lost	looidont		
/O. =			61 days or more			
(8) Transported to a medical facility	-unknown if		Fatally injured			
treated			Not working prior to a	ccident		
(0) 11 1						
(9) Unknown			Unknown			
	GENCY RESPO	(99)	Unknown			
		(99) ONSE INI EMS	Unknown FORMATION Type		TRANSPO	ORTING
EMERO EMS Notification (1) Not notified	GENCY RESPO	(99) DNSE INI EMS (01)	ORMATION Type Fire department	FIRST UNIT	TRANSPO UN	ORTING IIT
EMERO EMS Notification (1) Not notified (2) Notified	ROAD VEHICLE	(99) DNSE INF EMS (01) (02)	ORMATION Type Fire department Rescue squad	FIRST UNIT	UN	ORTING IIT
EMERO EMS Notification (1) Not notified (2) Notified		(99) DNSE INI EMS (01) (02) (03)	ORMATION Type Fire department Rescue squad Police department	FIRST UNIT	TRANSPO UN VEHICLE	ORTING IIT
EMERO EMS Notification (1) Not notified (2) Notified	ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04)	Type Fire department Rescue squad Police department Trauma unit	FIRST UNIT ROAD	UN	DRTING IIT
EMERO EMS Notification (1) Not notified (2) Notified (9) Unknown	ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05)	Type Fire department Rescue squad Police department Trauma unit Disaster unit	FIRST UNIT ROAD	VEHICLE	ORTING IIT
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit)	ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06)	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit	FIRST UNIT ROAD	VEHICLE	DRTING IIT
EMERO EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit)	ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07)	Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital	FIRST UNIT ROAD	VEHICLE	ORTING IIT
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit)	ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06)	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit	FIRST UNIT ROAD	VEHICLE	DRTING IIT
EMERO EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown	ROAD VEHICLE AIR VEHICLE RÖAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08)	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home	FIRST UNIT ROAD	VEHICLE	DRTING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit)	ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08) (98)	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy:	FIRST UNIT ROAD	VEHICLE	DRTING IIT
EMERO EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did	ROAD VEHICLE AIR VEHICLE RÖAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99)	Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown	FIRST UNIT ROAD	VEHICLE	DRTING IIT
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown	FIRST UNIT ROAD	VEHICLE .	
EMIERO EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive	ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS (01)	ORIMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered	FIRST UNIT ROAD AIR V	VEHICLE	
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown	FIRST UNIT ROAD ROAD AIR V	VEHICLE .	
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS (01) (02)	ORIMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid	FIRST UNIT ROAD ROAD AIR V	VEHICLE EHICLE DURI TRANS	
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit)	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS (01) (02) (03)	ORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation	FIRST UNIT ROAD AIR V ON-SCENE ROAD	VEHICLE EHICLE DURI TRANS	
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) DNSE INI EMS (01) (02) (03) (04) (05) (06) (07) (08) (98) (99) EMS (01) (02) (03) (04)	FORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system more	FIRST UNIT ROAD ROAD AIR V ON-SCENE ROAD AIR V AIR V Onitoring (blood	DURI TRANS	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not	ROAD VEHICLE AIR VEHICLE AIR VEHICLE ROAD VEHICLE ROAD VEHICLE AIR VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06)	FORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E	FIRST UNIT ROAD ROAD AIR V ON-SCENE ROAD AIR V AIR V Onitoring (blood	DURI TRANS	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06)	Unknown Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V AIR V ON-SCENE ROAD AIR V ON-SCENE ROAD AIR V ON-SCENE	DURIL TRANS VEHICLE CHICLE Pressu	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport (9998) EMS arrived, but was	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06)	FORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care Combination of above, s	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V A	DURIL TRANS VEHICLE CHICLE Pressu	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06)	Unknown Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care Combination of above, s Other, specify:	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V A	DURIL TRANS VEHICLE CHICLE Pressu	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport (9998) EMS arrived, but was not used	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99)	FORMATION Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care Combination of above, s	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V A	DURIL TRANS VEHICLE CHICLE Pressu	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport (9998) EMS arrived, but was not used (9999) Unknown EMS Arrival Time At	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE AIR VEHICLE AIR VEHICLE AIR VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99)	Unknown Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care Combination of above, s Other, specify:	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V A	DURIL TRANS VEHICLE CHICLE Pressu	ING
EMS Notification (1) Not notified (2) Notified (9) Unknown EMS NotificationTime (first unit) (9999) Unknown EMS Arrival Time (first unit) (9998) EMS cancelled or did not arrive (9999) Unknown EMS Departure Time To Treatment Facility (transporting unit) (9997) EMS arrived, provided treatment, but did not transport (9998) EMS arrived, but was not used (9999) Unknown	ROAD VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE AIR VEHICLE ROAD VEHICLE	(99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99) EMS (01) (02) (03) (04) (05) (06) (07) (08) (99)	Unknown Type Fire department Rescue squad Police department Trauma unit Disaster unit Ambulance service unit Hospital Mortuaries/funeral home Other, specifiy: Unknown Care No care administered First aid Resuscitation CPR Emergency cardiac care Life support system mor pulse rate, respiration, E Emergency burn care Combination of above, s Other, specify:	FIRST UNIT ROAD ROAD AIR V SS ON-SCENE ROAD AIR V A	DURIL TRANS VEHICLE CHICLE Pressu	ING

TO BE CODED BY THE ZONE CENTER

	INJURY CONSEQUENCES	TRAUMA DATA
ac he he 3 th (0	me to Death Code number of hours from time of cident to time of death up through 24 purs. If time of death is greater than 24 purs, code number of days. (Note: 1 day = 1, 2 days = 32, n days = 30 + n up arough 30 days = 60) Not fatal Fatal - ruled disease Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
68. 2 69. 3 in th (0 (\$	st Medically Reported Cause of Death Ind Medically Reported Cause of Death Code the Occupant Injury from line Immber(s) for the medically reported Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reportedly contributed to Injury(s) which reported Cause of Death Injury(s) which reported C	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported , HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
ir ()	lumber of Recorded Injuries for his Occupant Code the actual number of njuries recorded for this occupant. OO) No recorded injuries Injured, details unknown Injured OO OO OO OO OO OO OO OO OO	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

U.S. Department of Transportation

National Highway Traffic Safety Administration

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

2. Case Number - Stratum

3. Vehicle Number

4. Occupant Number

Ol

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

··-	A.I.S 90								Injury	Occupant	
	Source of Injury Data		Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Source Confidence Level	Direct/ Indirect Injury	Area Intrusion Number
WV 1st	1 cm 5. 7	6. <u>7</u>	7. 9	8. <u>04</u>	9. <u>02</u>	10	11. /	12. <u>007</u>	13. <u>3</u>	14. <u>/</u>	15. <u>60</u>
har 2nd	1 / Tu	iy" Ca	18. <u>9</u>	19.06	20. 02	21. /	22.3	23. <u>00 6</u>	24.2	25 . <u>/</u>	26
3rd	27	28	29	30	31	32	33	34	35	36	37
4th	38	39	40	41	42	43	44	45	46	47	48
5th	49	50	51	52	53	54	55	56	. 57	58	59
6th	60	61	62	63	64	65	66	67	_ 68	69	70
7th	71	72	73	74	75	76	77	78	_ 79	80	81
8th	82	83	84	85	86	87	88	89	_ 90	91	92
9th	93	94	95	96	97	98	99	100	_ 101	102	103
10th	104	105	106	107	108	109	110	111	_ 112	113	114

	•			occi	JPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th			_			_	_		_	_	
12th										_	<u></u> -
13th	_	_		_	_				_	_	
14th			_			_	ertertur.		_	_	
15th	_	_	_				_			_	
16th	_	_	_	 -		_			_		
17th		_	_							_	
18th							_				
19th						_		. 			
20th		_	_			_					
21st	_								_		
22nd	_					_		<u> </u>			
23rd		_		 `					_	_	
24th	_					-		<u> </u>	-		
25th	_						 .		<u> </u>		

(10) Concussion

(02) Cervical (04) Thoracic (06) Lumbar

<u>Spine</u>

OCCUPANT INJURY CLASSIFICATION Level of Injury **Aspect** Specific Anatomic **Body Region** Structure (1)Right Specific injuries are (1)Head (2) Left assigned consecutive Face (2)(3) Bilateral two-digit numbers Vessels, Nerves, Organs. (3) Neck (4) Central Bones, Joints are assigned beginning with 02. Thorax (4)(5)Anterior consecutive two digit (5)Abdomen To the extent possible, (6)**Posterior** numbers beginning with Spine (6)Superior within the organizational (7)02. **Upper Extremity** (7)framework of the AIS, 00 (8)Inferior **Lower Extremity** (8)is assigned to an injury (9)Unknown The exceptions to this rule Unspecified (9) NFS as to severity or (O) Whole region apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion (04) Skin - Contusion that anatomic structure. Structure 99 is assigned to any (06) Skin - Laceration injury NFS as to lesion or Whole Area (08) Skin - Avulsion severity. (2) Vessels (10) Amputation (3) **Nerves Abbreviated Injury Scale** (20) Burn (4)Organs (includes Muscles/ligaments) (30) Crush Minor Injury Skeletal (includes (40) Degloving (5)(50) Injury - NFS (2) Moderate Injury joints) (3) Serious Injury (90) Trauma, other than Head - LOC (6) Severe Injury mechanical (4)(9) Skin Critical Injury (5) Maximum (6) Head - LOC (untreatable) (02) Length of LOC (7)Injured, unknown (04) Level severity (06) of (08) Consciousness

DIRECT/INDIRECT INJURY **INJURY SOURCE** SOURCE OF INJURY DATA **CONFIDENCE LEVEL** OFFICIAL RECORDS Direct contact injury (1) Certain (1) Autopsy records with or (2) Indirect contact injury (2) Probable without hospital/medical (3) Possible Noncontact injury records Injured, unknown source (2) Hospital/medical records other (9) Unknown than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic **UNOFFICIAL RECORDS** (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

		INJURY	SOUF	RCES		
T	(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
Windshield		armrest				(used behind wheel chair)
Mirror	(103)	Right A (A1/A2)-pillar	(184)	•	(412)	Other adaptive device
Sunvisor	(104)	Right B-pillar			,,	(specify):
Steering wheel rim			(185)			(5)0011 77.
Steering wheel hub/spoke				- ·		
Steering wheel (combination	(106)	Right side window glass	(186)		FYTE	RIOR of OCCUPANT'S
of codes 004 and 005)			,	•		_
Steering column,				-		
transmission selector lever.	(109)	<u> </u>	(187)			Outside hardware (e.g.,
other attachment			(,		(452)	outside mirror, antenna)
Cellular telephone or CB				•	(452)	Other exterior surface or
radio			(188)	•	(400)	tires (specify):
Add on equipment (e.g.,			,,,,,,			tiles (specify).
	(110)			• •		
	,	•	(189)	-	(AEA)	Habassa autoria abisata
•		(opcon y).	(103)		(454)	Unknown exterior objects
				-	FVTFF	NOR OF OTHER MOTOR
•	INTER	IOR	/190\	· •		NOR OF OTHER MOTOR
			(190)	Other air bag (specity)		
		* *	/10E	Othersisher		Front bumper
		_	(190)	- ·		Hood edge
	(155)	•		cover (specity)	(503)	Other front of vehicle
	/1EA\	•				(specify):
	(134)		5005			
		component (specify):		-		
	/4 E E \	Mandanahalah				Hood ornament
		· ·				Windshield, roof rail, A-pillar
-	(160)	Other occupants (specify):				Side surface
• •						Side mirrors
		·	(205)	Roof or convertible top	(509)	Other side protrusions
.	(162)	Child safety seat (specify):				(specify):
	(163)	Other interior object	(251)	Floor (including toe pan)	(510)	Rear surface
		(specify):	(252)	Floor or console mounted	(511)	Undercarriage
•				transmission lever, including	(512)	Tires and wheels
exterior object (specify)				console	(513)	Other exterior of other motor
	AIR B	AG	(253)	Parking brake handle		vehicle (specify):
Other front object (specify):		-	(254)	Foot controls including		
	(171)	Air bag-driver side and		parking brake	(514)	Unknown exterior of other
		eyewear				motor vehicle
	(172)	Air bag-driver side and	REAR			
Left side interior surface,		jewelry	(301)	Backlight (rear window)	OTHER	VEHICLE OR OBJECT IN
excluding hardware or	(173)	Air bag-driver side and object	(302)	Backlight storage rack,	THE E	NVIRONMENT
armrests		h el d		door, etc.	(551)	Ground
Left side hardware or	(174)	Air bag-driver side and object	(303)	Other rear object (specify):	(598)	Other vehicle or object
armrest		in mouth				(specify):
Left A (A1/A2)-pillar	(175)	Air bag compartment				
Left B-pillar				TIVE (ACCICTIVE) DONGLO	/EQQ1	Unknown vehicle or object
aort o pinar		cover-driver side	ADAP	TIVE (ASSISTIVE) DRIVING		
Other left pillar (specify):	(176)	cover-driver side Air bag compartment	ADAP EQUIP	TIVE (ASSISTIVE) DRIVING MENT	(555)	
•	(176)		EQUIP	MENT		ONTACT INJURY
•	(176)	Air bag compartment	EQUIP	MENT Hand controls for	NONC	ONTACT INJURY
Other left pillar (specify):		Air bag compartment cover-driver side and eyewear	EQUIP (401)	MENT Hand controls for braking/acceleration	NONC (601)	Fire in vehicle
Other left pillar (specify): Left side window glass		Air bag compartment cover-driver side and eyewear Air bag compartment	EQUIP (401)	MENT Hand controls for braking/acceleration Steering control devices	NONC (601) (602)	Fire in vehicle Flying glass
Other left pillar (specify): Left side window glass Left side window frame Left side window sill	(177)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry	EQUIP (401)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering	NONC (601) (602)	Fire in vehicle Flying glass Other noncontact injury
Other left pillar (specify): Left side window glass Left side window sill Left side window glass	(177)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment	(401)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel)	NONC (601) (602)	Fire in vehicle Flying glass Other noncontact injury source
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the	(177)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object	(401)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify):
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window	(177) (178)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held	EQUIP (401) (402) (403)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the	(177) (178)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment	EQUIP (401) (402) (403)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify):
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(177) (178)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object	(401) (402) (403) (405)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter)	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(177) (178) (179)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth	(401) (402) (403) (405) (406)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(177) (178) (179) (180)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side	(401) (402) (403) (405) (406) (407)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(177) (178) (179) (180)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and	(401) (402) (403) (405) (406) (407)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts,	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(177) (178) (179) (180) (181)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear	(401) (402) (403) (405) (406) (407) (408)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify):	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(177) (178) (179) (180) (181)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear Air bag-passenger side and	(401) (402) (403) (405) (406) (407) (408)	HENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify): Additional or relocated	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(177) (178) (179) (180) (181)	Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear	(401) (402) (403) (405) (406) (407) (408)	MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts, (specify):	NONC (601) (602) (603)	Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
	Windshield Mirror Sunvisor Steering wheel rim Steering wheel hub/spoke Steering wheel (combination of codes 004 and 005) Steering column, transmission selector lever, other attachment Cellular telephone or CB radio Add on equipment (e.g., tape deck, air conditioner) Left instrument panel and below Center instrument panel and below Glove compartment door Knee bolster Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) Windshield reinforced by exterior object (specify): IDE Left side interior surface, excluding hardware or armrests Left side hardware or armrests Left side hardware or	Windshield Mirror (103) Sunvisor (104) Steering wheel rim (105) Steering wheel hub/spoke Steering wheel (combination of codes 004 and 005) (107) Steering column, (108) transmission selector lever, (109) other attachment Cellular telephone or CB radio Add on equipment (e.g., tape deck, air conditioner) (110) Left instrument panel and below Center instrument panel and below (152) Glove compartment door (153) Knee bolster Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only) Windshield including one or (161) more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror (162) header, A (A1/A2)-pillar, instrument panel, or mirror (163) (passenger side only) Windshield reinforced by exterior object (specify) AIR B. Other front object (specify): (170) (171) IDE (172) Left side interior surface, excluding hardware or armrest Left side hardware or (174) armrest Left side hardware or (175)	Mirror Sunvisor Steering wheel rim Steering wheel (combination of codes 004 and 005) Steering column, transmission selector lever, other attachment Cellular telephone or CB radio and equipment (e.g., tape deck, air conditioner) Left instrument panel and below Center instrument panel and below Colves compartment door Knee bolster Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) AIR BAG Other front object (specify): Left side interior surface, excluding hardware or armrest Left A (A1/A2)-pillar Left side hardware or armrest Left A (A1/A2)-pillar Left side hardware or armrest Left A (A1/A2)-pillar Left A (A1/A2)-pillar Left A (A1/A2)-pillar Left side hardware or armrest Left A (A1/A2)-pillar Left A (A1/A2)-pillar (175) Air bag-driver side and object in mouth Left A (A1/A2)-pillar (175) Air bag-driver side and object in mouth Left A (A1/A2)-pillar (175) Air bag-driver side and object in mouth	Windshield Mirror (103) Right A (A1/A2)-pillar (104) Right B-pillar (105) Other right pillar (specify): (185) Steering wheel rim (105) Other right pillar (specify): (185) Steering wheel hub/spoke Steering wheel (combination of codes O04 and O05) Steering column, (106) Right side window glass (187) Steering column, (108) Right side window glass (187) Steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (109) Right side window glass (187) steering column, (188) Right side window glass (187) steering column, (188) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187) steering column, (189) Right side window glass (187	Windshield Mirror (103) Right A (A1/A2)-pillar (104) Right B-pillar Steering wheel rim (105) Other right pillar (specify): Steering wheel hub/spoke Steering wheel hub/spok	Mirror (103 Right A (A1/A2)-pillar (184) Air bag-passenger side and object held object held (195) Other right pillar (specify): (185) Air bag-compartment cover-passenger side and object in mouth object (specify): (185) Air bag-compartment (187) Air bag compartment object (specify): (185) Air bag compartment (187) Air bag compart

OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

__ Yes

Blood Alcohol Level (mg/dl)

BAL = ____

Restrained?

Glasgow Coma Scale Score

GCSS = ____

Units of Blood Given

Units = ____

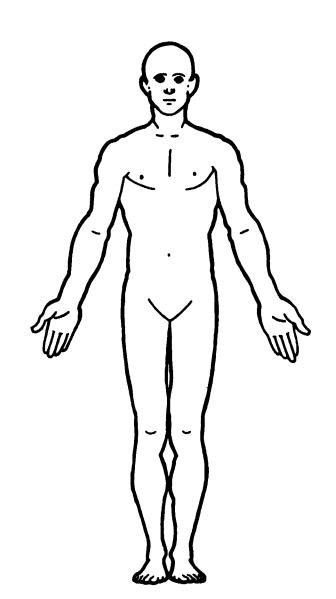
Arterial Blood Gases

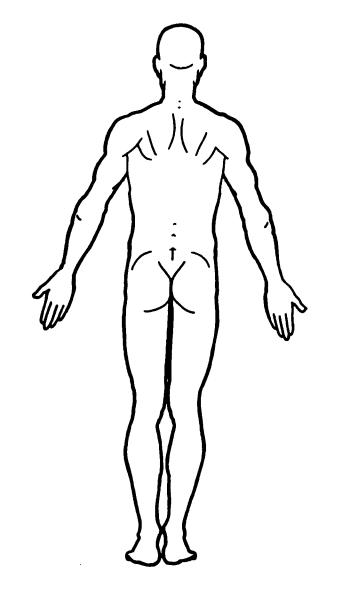
pH = __.__

PO₂ = ____

PCO₂

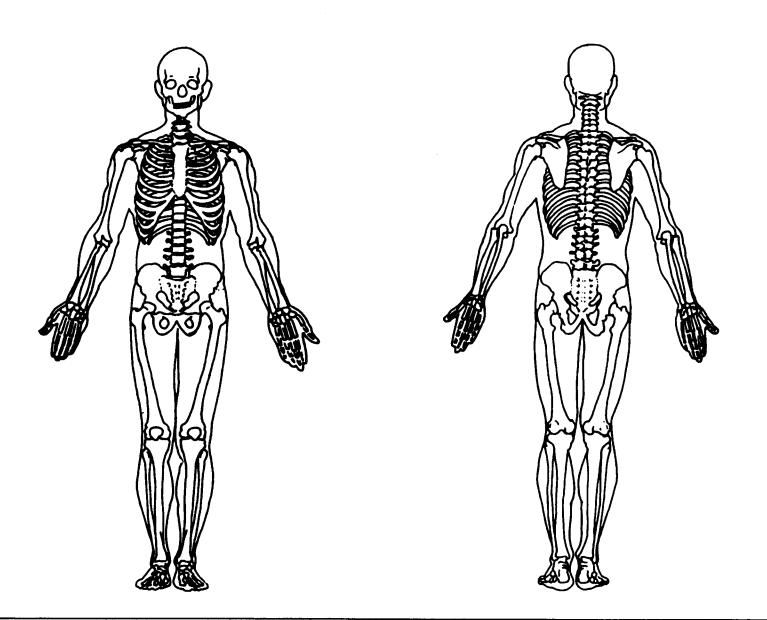
HCO3 ____

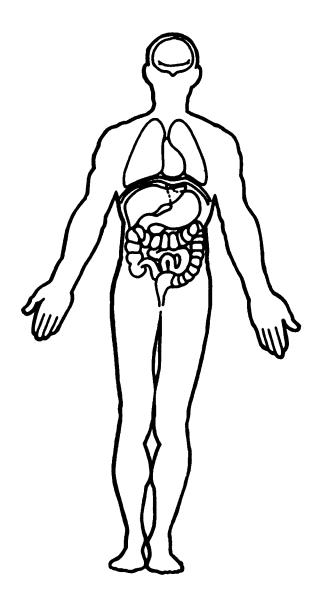


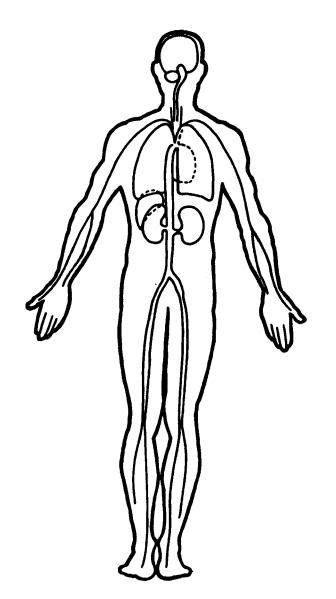


OFFICIAL INJURY DATA — SKELETAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)









SMASH PROGRAM SUMMARY

U.S. Department of Transportation

Nasional Highway Traffic Safety Administration	(All Measurement	s in Metric)		THINESS DATA SYSTEM
Identifying Title				
41 135	<u>E</u> _ C) /		96
Primary Case NoStra Sampling Unit		ient Event ience No.	Date (Month, day, year	r) of Run
Samping One				
	GENERAL INFO	ORMATION		
VEHICLE I	0 /		VEHICLE 2	0.2
NASS Vehicle Number	19 6/	NASS Vehicle Nu	mber	5 1
Year		Year		
Make Toyon		Make	Pany GCR XLT	
	and coal	Body Style	OPIC CEE NO	-3-5-/
Body Style CDC	02-	CDC	MISSINS	
Damaged Side		Damaged Side	····	F
PDOF //O =	090	PDOF .	±	0000
Heading Angle ±	090.	Heading Angle	±	3600
	VEHICLE SPEC	IFICATIONS		
VEHICLE I	VEHICLE SI LO	ITICATIONS	VEHICLE 2	
Wheelbase	262 cm	Wheelbase		3 / 7 cm
Overall Length	/////////////////////////////////////	Overall Length	_	503 cm
Overall Width	/ 6 9 cm	Overall Width		1 7 6 cm
Weight	2 //	Weight #68	_	
$\left(\frac{73}{\text{Curb}}\right) + \frac{7}{\text{Occupant(s)}} + \frac{7}{\text{Cargo}} = \frac{1}{2} \frac{6}{2}$	3 / kg	Curb Occupan	+ Cargo $=$ 2	1 6 2 kg
Engine Displacement	241	Engine Displacem		2.3 L
Drive System	RwD	Drive System		R W D
Size	$-\frac{3}{3}$	Size		<u> </u>
Stiffness	<u>_8</u>	Stiffness		<u>'8'</u>
	DAMAGE INF	OPMATION		
VEHICLE I	DAMAGE INF	ORMATION	VEHICLE 2	
Damage known?	v	Damage known?	VEITIGEE 2	NO
Damage Length 77	7 7 tcm	Damage Length		cm
	2 cm	Damage Offset		cm
Crush Depth: 2 / C1	cm	Crush Depth:		cm
12 C2_	✓ cm		_	cm
9 c3_	<u>\</u> cm		C3 _	cm
5 C4/			C4 _	cm
5 c#_	<u>9</u> _cm		C5 _	cm
S €6_	/cm		C6 _	cm

SCENE INFORMATION				
		sitions [No] Yes		
Rest	VEHICLE 1	VEHICLE 2 Rest X m		
Position	Y . m	Position Y . m		
	PSI °	PSI °		
Impact	X m	Impact X . m		
Position	Y m	Position Y . m		
	PSI °	PSI °		
Slip Angle (-180 to		Slip Angle (-180 to +180)		
	VEHIC	LE MOTION		
Sustained Contact	[] No [] Yes VEHICLE 1	Sustained Contact [] No [] Yes VEHICLE 2		
Vehicle Rotation Rotation Stop E	No Yes	Vehicle Rotation [] No [] Yes Rotation Stop Before Rest No Yes		
End of Rotation	X m	End of Rotation X m		
Position	Y m	Position Y m		
	PSI °	PSI °		
Curved Path	[] No	Curved Path [] No [] Yes		
Point on Path X	m Y . m	Point on Path X . m Y . m		
Rotation Direction Rotation > 360°		Rotation Direction [] None [] CW [] CCW Rotation > 360° [] No [] Yes		
		INFORMATION		
Coefficient of Frict		INFORMATION		
Rolling Resistance		<u></u>		
Vehicle 1 Rolling F	Resistance	Vehicle 2 Rolling Resistance		
LF	RF	LF RF		
LR	RR	LR RR		
IF THIS COMMO	ON IMPACT WAS WITH A CDS VEHIC	LE NOT IN TRANSPORT, FILL IN THE INFORMATION BELOW.		
Model Year:		The Weight, CDC, Scene Data and Damage Information for this vehicle should be recorded above.		
Make:		Complete and ATTACH the appropriate		
Model:		damage sketch and dimensions to the form.		
VIN:		ERITERS VINANT MICH. MICH. MICH. MICH. 101111.		

Summary of Results Using Damage

41135e impact 1 roldmiss

Speed Change (ROLDMISS)

Vehicle #1 6 km/h (4 mph) Total 2 km/h (1 mph) -5 km/h (-3 mph) Longitudinal Latitudinal 110 ° PDOF Angle

Energy Dissipated = Energy Dissipated = 6887 Joules (5079 Ft-Lk Barrier Equivalent Speed = 5.7 km/h (3.6 mph) 5079 Ft-Lb)

Calculated using size and stiffness categories.

Vehicle #2

5 km/h (3 mph)Total Longitudinal Latitudinal -5 km/h (-3 mph) -2 km/h (-1 mph) 20 ° PDOF Angle

Energy Dissipated = 2896 Joules (2136 Ft-Lb)
Barrier Equivalent Speed = 5.1 km/h (3.2 mph)

Calculated using size and stiffness categories.

General Information

	Vehicle #1	Vehicle #2		
Year	1995	1996		
Make	Toyota	ford		
Model	4runner	ranger		
CDC	04RBEN2	MISSING		
Side Damaged	R	F		
PDOF Angle	110 °	20 °		
Heading Angle	90 °	360 °		
Calculation method:	Size and Stiffness	Size and Stiffness		
Size Category	3	4		
Stiffness Category	8	8		
Vehicle Weight	1834 kgs (4043 lbs)	2162 kgs (4766 lbs)		

Damage Information

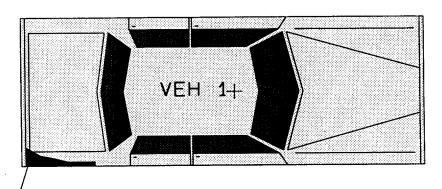
	Vehicle #1	Vehicle #2 No		
Vehicle Damage Known	Yes			
Crush Length	77.0 cm (30 in)	0.0 cm (0 in)		
C1	21.0 cm (8 in)	0.0 cm (0 in)		
C2	12.0 cm (5 in)	0.0 cm (0 in)		
C3	9.0 cm (4 in)	0.0 cm (0 in)		
C4	5.0 cm (2 in)	0.0 cm (0 in)		
C5	5.0 cm (2 in)	0.0 cm (
C6	5.0 cm (2 in)	0.0 cm (0 in)		
D	-217.9 cm (-86 in)	0.0 cm (0 in)		
D'	-228.3 cm (-90 in)	0.0 cm (0 in)		

Vehicle Dimensions

	Vehicle #1	Vehicle #2
Length Width Wheelbase Weight CG to Front of Veh Engine Displacement	447.0 cm (176 in) 169.0 cm (67 in) 262.0 cm (103 in) 1834 kgs (4043 lbs) 228.1 cm (90 in) 2.4 liters	503.0 cm (198 in) 176.0 cm (69 in) 317.0 cm (125 in) 2162 kgs (4766 lbs) 251.0 cm (99 in) 2.3 liters
Moment of Inertia Vehicle Mass	331065 kgs (29303 lbs) 1834 kgs (10.5 lb-s^2/in)	494186 kgs (43741 lbs) 2162 kgs (12.4 lb-s^2/in)

1996 ford ranger Vehicle number 2 is missing.

1995 Toyota 4runner



41135e impact 1 **All O**ffiss 1996

```
96 96 96019174000
              969.0000000000000204070000002
41135E00000011
00828600015887605_ 0304
41135E00010012 69.001000000000114R0230F
41135E00020012
                969.0010000000000114T3100N
                                                      0107207219770
41135E01000021
                  9.00 000000000954940114JT3VN29V69
1311213000991016991170
                  9.00 000000000102020001740000307102220099799700005999 999 99
41135E01000022
9999999909997302
                  9.00 000000000023100TDDD03010204RBEN02077021012009005005018-
41135E01000031
                          99899926214901000702060101001000
218
                  9.00 00000000098111110000012244404133331014616110211111101
41135E01000041
                  9.00 000000000130611111612
41135E01000042
             210000003102120
                  41135E01010051
00000000003021423100000000001420099000000001151011
41135E01010161
                  9.00 0000000003990400106979799
41135E01020051
                  000000000030214231000000000001420099000000004141011
41135E01020161
                  9.00 0000000003490402111012100
41135E01020261
                  9.00 0000000003490202111012100
41135E01020361
                  9.00 0000000003590402111012100
41135E01020461
                  9.00 0000000003590202111012100
41135E02000021
                  9.00 000000009612471301FTCR14A8TP
1311213000010160011271
41135E02000022
                  9.00 0000000010101000147000000000000000009000003005-005-00
2002999840050101
41135E02000031
                  9.00 0000000001019999999
                          15999931714701000402050101001000
41135E02000041
                  9.00 00000000001110000000144444001221110011111100111111100
41135E02000042
                  9.00 000000000
             100000003802100
41135E02010051
                  41135E02010161
                  9.00 0000000007790402110073100
41135E02010261
                  9.00 0000000007790602130063100
                  9.00 000000000PICK UP/UTILITY VEHICLE
41135E00000066
41135E00000171
                  9.00 000000000V1 WAS TRAVELING NORTH ON A 3 LANE ROAD IN THE
 CENTER WHEN IT ATTEMPTED TO
41135E00000271
                  9.00 00000000MAKE A RIGHT HAND TURN OF V2 WHO WAS TRAVELING
 ALSO NORTH BOUND IN THE RIGHT
41135E00000371
                  9.00 00000000LANE.V2 IMPACTED V1 IN THE LEFT REAR QTR PANEL
 CAUSING V1 TO
             OVERTURN AND
41135E00000471
                  9.00 000000000RESTED ON THE PASSENGER SIDE. V2 DAMAGE WAS TO
 THE FRONTAL. BOTH PARTIES IN
41135E00000571
                  9.00 000000000V1 WERE TRANSPORTED TO THE HOSPITAL.
41135E00000181
                  9.00 00000000001
                                   COMPACT/UTILITY 95 TOYOTA 4 RUNNER
                                                                    RIGHT/
TOP
    MODERATE
              NONE
41135E00000281
                  9.00 00000000002
                                  COMPACT/PICK/UP 96 FORD RANGER/XLT
                                                                    FRONTA
              UNK
    UNK
41135E00000381
                  9.00 00000000
                  9.00 00000000001 DRIVER
41135E00000191
                                          LEFT/FRONT NONE
                                                            whole body
ontusion
         1 unknown
41135E00000291
                  9.00 0000000001 PASSENGER RIGHT/FRONT NONE
                                                            chest
                                                                        c
         1 R door
ontusion
                  9.00 00000000002 DRIVER
41135E00000391
                                         LEFT/FRONT LAP/SHOULDER wrist
                                                                        C
         1 steering
ontusion
41135E00000491
                  9.00 000000000
```

column

INTRA ERRORS

EE1201 2 If 1st DAMAGE DATA L EV20 does not equal blank, then DIRECT DAMAGE WIDTH EV27 should not equal 999. EE1202

INTER ERRORS

GH0971 2 If SOURCE OF BELT USE OA74 equals 1, then TYPE OF INSPECTION

GV67 should equal 2 or 3. GV=02 DA=01 GH0972

ECO011 2 If INTRUDING COMPONENT IV48(m) equals 01-06 or 10, then at least ECO012 one (DEFORMATION LOCATION (EV07(n) should be F, 9 or blank) or

(EV07(n) should equal R or L and LONGITUDINAL LOCATION EV08(n) should equal D, Y, or F)). GV=01EC0013

EC0014

PSU41

ERROR SUMMARY SCREEN

CASE 135E

CURRENT VERSION: 9.00

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	O	0	Y
General Vehicle	Õ	Ŏ	O	Υ
Vehicle Exterior	Õ	Ö	1	Υ
Vehicle Interior	Ö	0	0	Υ
Occupant Assessment	t Ö	0	0	Υ .
Occupant Injury	0	0	o	Υ
Total Inter Errors		.0	2 N	_
Total Case Errors	o	o	3	-
			4	gm_

SLIDE INDEX

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sa	ampling Un	nit Number	Case Number-Stratum 1 3 5 E
Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
1- 3	VI	Nowin	APROACH
4-			PRO Impacr
5		N	Ingres. FR
6-8		NEAST	
9		s/w	LOOKBACK AT FR
10		s/w	LOOKBACK OF FR. LOOKBACK OF POI LOOKBACK. AFROAGU PRE-IMPACT
11-12		Sound	Look Bell.
13-15	· V2		AJANOGU
16-17			PRE-IMPACT
18			FR
19		SOVTH	LOOKBACK OF POI
20		ļ <u></u>	losebux or POI
21-23	,		LOOKBALK.
24-44	VI		EXTERION
45-60			/ NOTON /O N
61-66	V2		EXIMION
67-75			INTHION # NOTE PICTURES WHE TOKEN THEN THE
			WINDOW, OWNER WKS NIGHTS AND HOD AGKED TO
			INSPECTION AS long AS I do NOT WAKE HIM UP!
			Some piervies Did NOT COME ON DIE TO GLAGE.

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter



















PSU 41-135E (1996)#9





































PSU 41-135E (1996) #27 Best Available



PSU 41-135E (1996) #28 Best Available











Best Available























































(5E(1996)#





























